Nombre del proyecto:
ALOJAMIENTO CADETES CACOM 7
VICTOR
Colombia
3225197350

Empresa a cargo del test e instalación
unidos t.l.comunicac...
3183397428

Rango de datos del test
03 FEB 2025
a
03 FEB 2025

Certificadores usados en el proyecto
LanTEK IV 500 / 21070008 / 19 FEB 2024

Par trenzado		Coaxial		Fibra óptica		Técnicos a cargo del proyecto
Recuento de tests:	21	Recuento de tests:	0	Recuento de tests:	0	Unidos tl comunicaciones
Superado:	21	Superado:	0	Superado:	0	
No superado:	0	No superado:	0	No superado:	0	
Porcentaje de éxito:	100	Porcentaje de éxito:	0	Porcentaje de éxito:	0	
Long. (m):	717.3	Long. (m):		Long. (m):		

Notas trbj:

Resumen de margen más bajo de par trenzado

	NEXT	PSNEXT	Pérd. ret.	Pérd. de ins.
Margen (dB)	3.60	3.80	1.80	1.80
ID de test	RACK R1 PPA DATOS 04	RACK R1 PPA DATOS 11	RACK R1 PPA DATOS 09	RACK R1 PPA DATOS 15

	ACR-F	ACR-N	TCL	ELTCTL
Margen (dB)	12.10	0		
ID de test	RACK R1 PPA DATOS 13	RACK R1 PPA DATOS 01		

Cable más largo: RACK R1 PPA DATOS 15 : 49.3(m)

Par trenzado - Resumen Margen medio

	NEXT	PSNEXT	Pérd. ret.	Pérd. de ins.
Margen (dB)	4.68	5.45	5.99	2.21

	ACR-F	ACR-N	TCL	ELTCTL
Margen (dB)	13.41	0		

Longitud media 34.2(m)

ALOJAMIENTO CADETES CACOM 7

unidos t.l.comunicaciones

4/2/2025

Nmbr de test	Long. (m)	Fecha	Cat. del cable	Estándar test	Margen NEXT (dB)	Resultado
RACK R1 PPA DATOS 01	43.0	3/2/2025 17:08	Cat6A	ANSI/TIA-568.2-D-2018	5.90	Pasa
RACK R1 PPA DATOS 02	30.3	3/2/2025 17:11	Cat6A	ANSI/TIA-568.2-D-2018	4.40	Pasa
RACK R1 PPA DATOS 03	30.2	3/2/2025 17:11	Cat6A	ANSI/TIA-568.2-D-2018	4.40	Pasa
RACK R1 PPA DATOS 04	19.1	3/2/2025 17:13	Cat6A	ANSI/TIA-568.2-D-2018	3.60	Pasa
RACK R1 PPA DATOS 05	32.0	3/2/2025 17:18	Cat6A	ANSI/TIA-568.2-D-2018	4.30	Pasa
RACK R1 PPA DATOS 06	31.9	3/2/2025 17:18	Cat6A	ANSI/TIA-568.2-D-2018	4.20	Pasa
RACK R1 PPA DATOS 07	32.0	3/2/2025 17:18	Cat6A	ANSI/TIA-568.2-D-2018	4.20	Pasa
RACK R1 PPA DATOS 08	31.7	3/2/2025 17:18	Cat6A	ANSI/TIA-568.2-D-2018	4.20	Pasa
RACK R1 PPA DATOS 09	29.0	3/2/2025 17:19	Cat6A	ANSI/TIA-568.2-D-2018	4.00	Pasa
RACK R1 PPA DATOS 10	28.8	3/2/2025 17:20	Cat6A	ANSI/TIA-568.2-D-2018	3.80	Pasa
RACK R1 PPA DATOS 11	37.3	3/2/2025 17:23	Cat6A	ANSI/TIA-568.2-D-2018	3.90	Pasa
RACK R1 PPA DATOS 12	40.5	3/2/2025 17:22	Cat6A	ANSI/TIA-568.2-D-2018	5.40	Pasa
RACK R1 PPA DATOS 13	40.1	3/2/2025 17:24	Cat6A	ANSI/TIA-568.2-D-2018	5.20	Pasa
RACK R1 PPA DATOS 14	40.1	3/2/2025 17:24	Cat6A	ANSI/TIA-568.2-D-2018	5.90	Pasa
RACK R1 PPA DATOS 15	49.3	3/2/2025 17:25	Cat6A	ANSI/TIA-568.2-D-2018	5.20	Pasa
RACK R1 PPA DATOS 16	25.7	3/2/2025 17:30	Cat6A	ANSI/TIA-568.2-D-2018	4.80	Pasa
RACK R1 PPA DATOS 17	27.4	3/2/2025 17:31	Cat6A	ANSI/TIA-568.2-D-2018	4.40	Pasa
RACK R1 PPA DATOS 18	37.5	3/2/2025 17:31	Cat6A	ANSI/TIA-568.2-D-2018	5.50	Pasa
RACK R1 PPA DATOS 19	33.8	3/2/2025 17:28	Cat6A	ANSI/TIA-568.2-D-2018	5.10	Pasa
RACK R1 PPA DATOS 20	32.8	3/2/2025 17:27	Cat6A	ANSI/TIA-568.2-D-2018	4.70	Pasa
RACK R1 PPA DATOS 21	44.8	3/2/2025 17:29	Cat6A	ANSI/TIA-568.2-D-2018	5.20	Pasa

ID de test: RACK R1 PPA DATOS 01
Fecha/hora: 3/2/2025 17:08
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

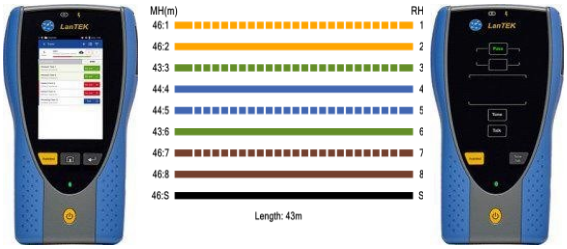
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

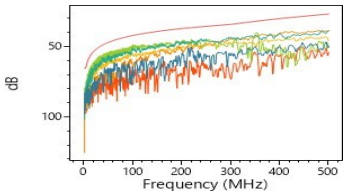
Test	Par	Límite	Resultado
Longitud	36	90 m	43.0 m ✓
Retardo	12	498 ns	214 ns ✓
Desviación	12	44 ns	15 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	7.54 Ω ℹ
DCRU			
Intrapar	36	0.22	0.77 Ω ℹ
P2P	45-78	0.26	0.11 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.9	53	36-45	Remoto
PSNEXT	7.1	99.25	36	Princ.
RL	7	22.9	36	Remoto
IL	2	2.95	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

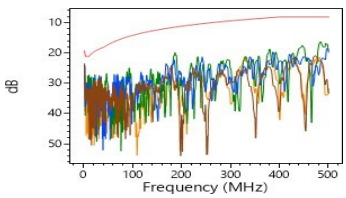


Unidad Principal

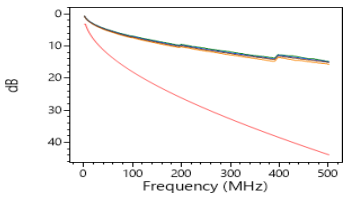


		Margen	Valor
NEXT	✓	6.30 dB	38.30 dB
Par		36-45	12-36
Límite		49.65 dB	26.65 dB
Frec.		32.75 MHz	500 MHz

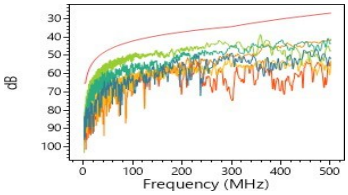
		Margen	Valor
PSNEXT	✓	7.10 dB	35.20 dB
Par		36	36
Límite		39.36 dB	23.76 dB
Frec.		99.25 MHz	500 MHz



		Margen	Valor
RL	✓	7.70 dB	16.20 dB
Par		36	36
Límite		19.27 dB	8 dB
Frec.		22.15 MHz	482 MHz

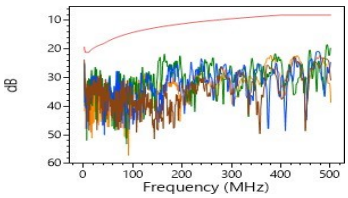


Unidad Remoto

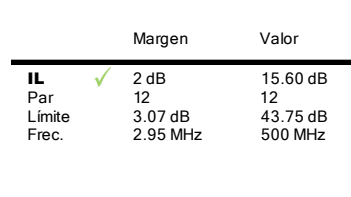


		Margen	Valor
NEXT	✓	5.90 dB	38.50 dB
Par		36-45	36-45
Límite		46.30 dB	31.50 dB
Frec.		53 MHz	357 MHz

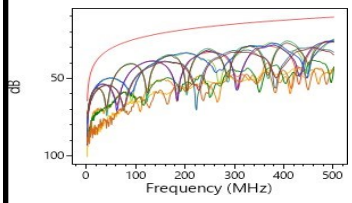
		Margen	Valor
PSNEXT	✓	7.90 dB	37.10 dB
Par		36	36
Límite		46.21 dB	28.76 dB
Frec.		37.75 MHz	358 MHz



		Margen	Valor
RL	✓	7 dB	18.30 dB
Par		36	36
Límite		19.20 dB	8 dB
Frec.		22.90 MHz	492 MHz

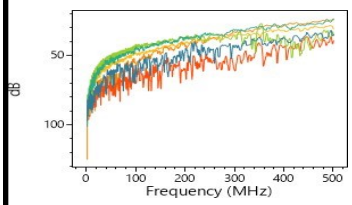


Unidad Principal



		Margen	Valor
ACR-F	✓	13.40 dB	24.30 dB
Par		36-78	36-45
Límite		12.06 dB	10.21 dB
Frec.		404 MHz	500 MHz

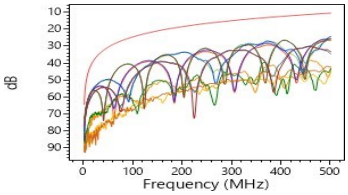
		Margen	Valor
PSACR-F	✓	9.20 dB	21.80 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

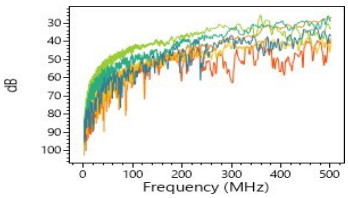
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	13.70 dB	23.90 dB
Par		36-78	45-36
Límite		55.25 dB	10.21 dB
Frec.		2.80 MHz	500 MHz

		Margen	Valor
PSACR-F	✓	8.40 dB	21.50 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz

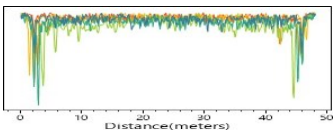


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

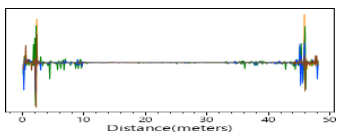
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
IL	✓	2 dB	15.60 dB
Par		12	12
Límite		3.07 dB	43.75 dB
Frec.		2.95 MHz	500 MHz

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 02
Fecha/hora: 3/2/2025 17:11
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

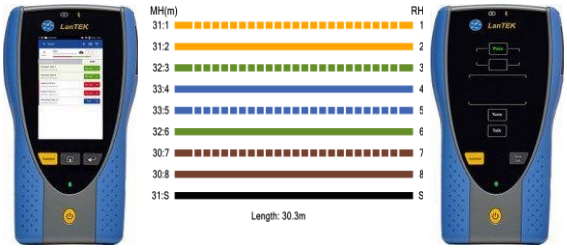
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

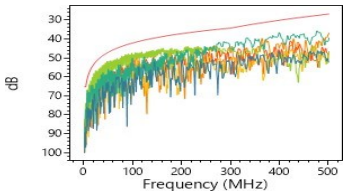
Test	Par	Límite	Resultado
Longitud	78	90 m	30.3 m ✓
Retardo	45	498 ns	154 ns ✓
Desviación	45	44 ns	13 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	5.78 Ω ℹ
DCRU			
Intrapar	36	0.20	0.54 Ω ℹ
P2P	12-36	0.20	0.16 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4.4	46.75	36-45	Princ.
PSNEXT	4.4	97.75	36	Remoto
RL	5.1	34.5	78	Remoto
IL	2.3	2.65	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

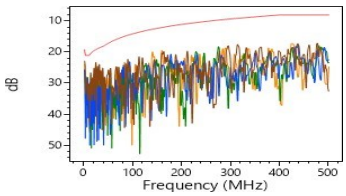


Unidad Principal

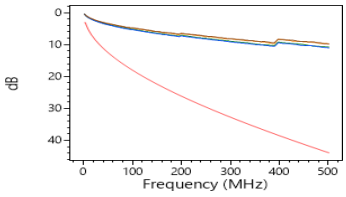


		Margen	Valor
NEXT	✓	4.40 dB	35.60 dB
Par		36-45	36-78
Límite		47.17 dB	27.39 dB
Frec.		46.75 MHz	475 MHz

		Margen	Valor
PSNEXT	✓	5.30 dB	34.40 dB
Par		36	36
Límite		58.41 dB	24.53 dB
Frec.		6.55 MHz	475 MHz

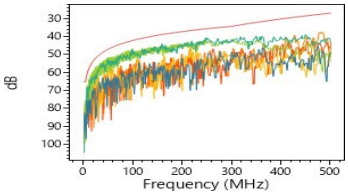


		Margen	Valor
RL	✓	6.90 dB	17.10 dB
Par		78	78
Límite		18.10 dB	8 dB
Frec.		38 MHz	476 MHz



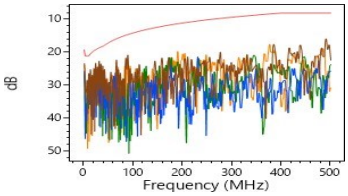
		Margen	Valor
IL	✓	2.30 dB	10.90 dB
Par		36	45
Límite		3 dB	43.65 dB
Frec.		2.65 MHz	498 MHz

Unidad Remoto

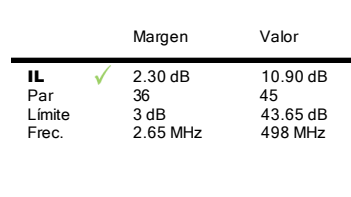


		Margen	Valor
NEXT	✓	4.50 dB	37.30 dB
Par		36-45	12-36
Límite		46.67 dB	27.30 dB
Frec.		50.25 MHz	478 MHz

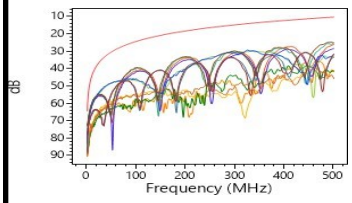
		Margen	Valor
PSNEXT	✓	4.40 dB	35.70 dB
Par		36	36
Límite		39.47 dB	25.34 dB
Frec.		97.75 MHz	450 MHz



		Margen	Valor
RL	✓	5.10 dB	15.80 dB
Par		78	78
Límite		18.31 dB	8 dB
Frec.		34.50 MHz	490 MHz

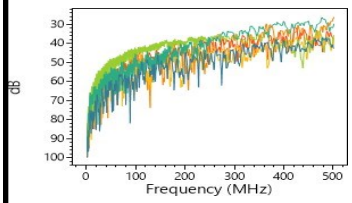


Unidad Principal



		Margen	Valor
ACR-F	✓	14.20 dB	24.60 dB
Par		78-36	78-36
Límite		10.37 dB	10.37 dB
Frec.		491 MHz	491 MHz

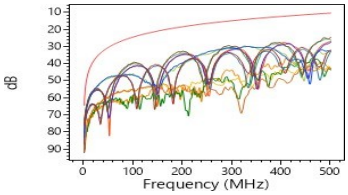
		Margen	Valor
PSACR-F	✓	8.50 dB	23.90 dB
Par		78	36
Límite		61.19 dB	7.35 dB
Frec.		1 MHz	492 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

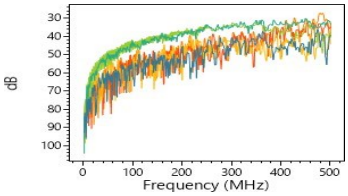
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	14 dB	24.30 dB
Par		78-36	78-36
Límite		55.25 dB	10.21 dB
Frec.		2.80 MHz	500 MHz

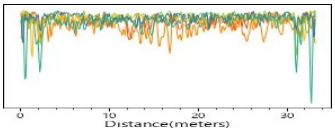
		Margen	Valor
PSACR-F	✓	9 dB	23.70 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



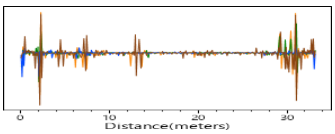
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 03
Fecha/hora: 3/2/2025 17:11
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

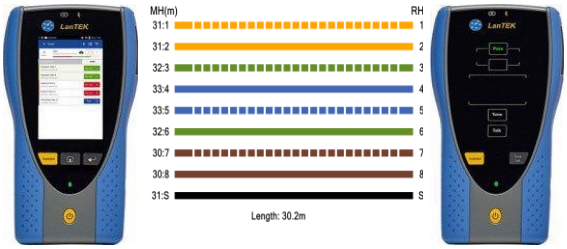
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

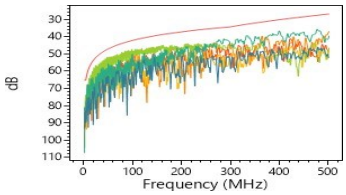
Test	Par	Límite	Resultado
Longitud	78	90 m	30.2 m ✓
Retardo	45	498 ns	154 ns ✓
Desviación	45	44 ns	14 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	5.82 Ω ℹ
DCRU			
Intrapar	36	0.20	0.54 Ω ℹ
P2P	12-36	0.20	0.15 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4.4	23.5	36-45	Princ.
PSNEXT	4.3	97.75	36	Remoto
RL	5.1	34.5	78	Remoto
IL	2.3	2.65	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

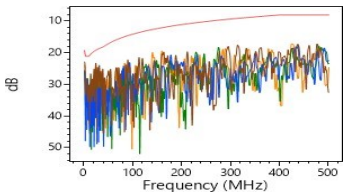


Unidad Principal

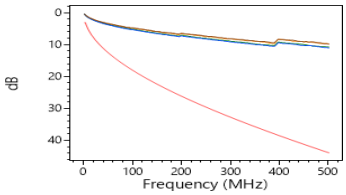


		Margen	Valor
NEXT	✓	4.40 dB	35.60 dB
Par		36-45	36-78
Límite		51.95 dB	27.39 dB
Frec.		23.50 MHz	475 MHz

		Margen	Valor
PSNEXT	✓	5.40 dB	34.40 dB
Par		36	36
Límite		41.45 dB	24.53 dB
Frec.		74 MHz	475 MHz

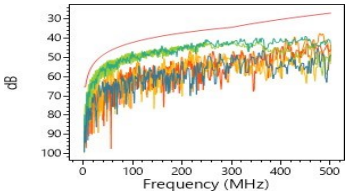


		Margen	Valor
RL	✓	6.90 dB	17.20 dB
Par		78	12
Límite		18.10 dB	8 dB
Frec.		38 MHz	423 MHz



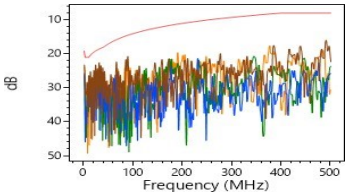
		Margen	Valor
IL	✓	2.30 dB	10.90 dB
Par		36	45
Límite		3 dB	43.65 dB
Frec.		2.65 MHz	498 MHz

Unidad Remoto

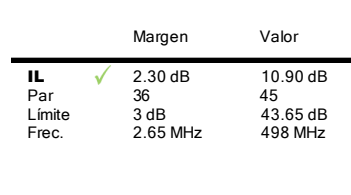


		Margen	Valor
NEXT	✓	4.50 dB	37.40 dB
Par		36-45	12-36
Límite		46.67 dB	27.33 dB
Frec.		50.25 MHz	477 MHz

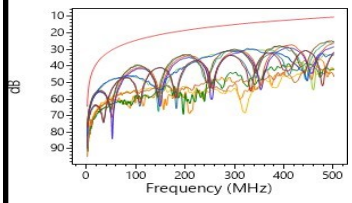
		Margen	Valor
PSNEXT	✓	4.30 dB	35.70 dB
Par		36	36
Límite		39.47 dB	25.34 dB
Frec.		97.75 MHz	450 MHz



		Margen	Valor
RL	✓	5.10 dB	16 dB
Par		78	78
Límite		18.31 dB	8 dB
Frec.		34.50 MHz	490 MHz

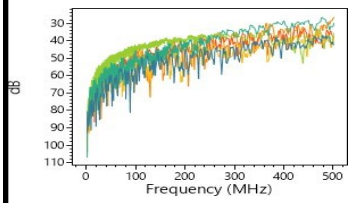


Unidad Principal



		Margen	Valor
ACR-F	✓	14.20 dB	24.60 dB
Par		78-36	78-36
Límite		10.37 dB	10.37 dB
Frec.		491 MHz	491 MHz

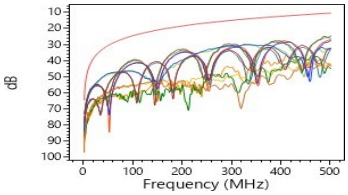
		Margen	Valor
PSACR-F	✓	8.80 dB	23.90 dB
Par		78	36
Límite		61.19 dB	7.32 dB
Frec.		1 MHz	494 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

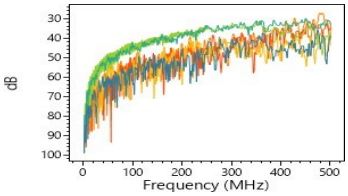
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	13.60 dB	24.30 dB
Par		36-78	78-36
Límite		55.72 dB	10.21 dB
Frec.		2.65 MHz	500 MHz

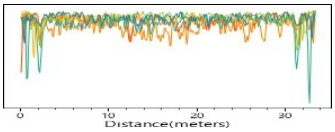
		Margen	Valor
PSACR-F	✓	8.70 dB	23.60 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



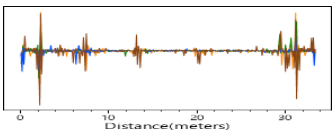
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 04
Fecha/hora: 3/2/2025 17:13
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

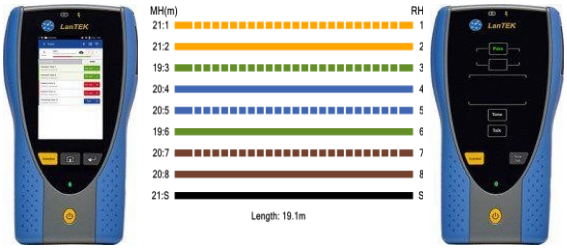
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

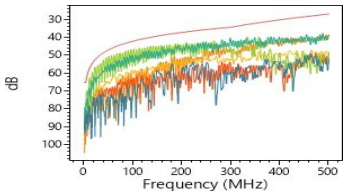
Test	Par	Límite	Resultado
Longitud	36	90 m	19.1 m ✓
Retardo	12	498 ns	95 ns ✓
Desviación	12	44 ns	6 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	4.1 Ω ℹ
DCRU			
Intrapar	36	0.20	0.21 Ω ℹ
P2P	12-78	0.20	0.06 Ω ℹ

Resumen de capac. de aum.

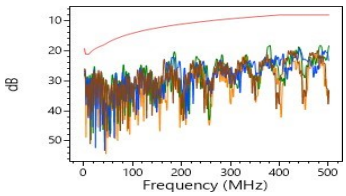
	Margen(dB)	MHz	Par	Extremo
NEXT	3.6	50.25	36-45	Remoto
PSNEXT	5.2	21.85	36	Princ.
RL	8.8	184	36	Princ.
IL	2.6	2.8	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



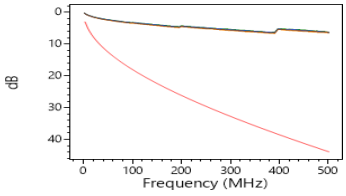
Unidad Principal



		Margen	Valor
NEXT	✓	3.70 dB	37.50 dB
Par		36-45	36-78
Límite		46.67 dB	27.03 dB
Frec.		50.25 MHz	487 MHz
PSNEXT	✓	5.20 dB	35.10 dB
Par		36	36
Límite		50.05 dB	24.12 dB
Frec.		21.85 MHz	488 MHz

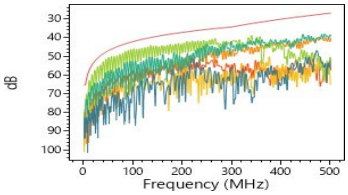


		Margen	Valor
RL	✓	8.80 dB	18.10 dB
Par		36	36
Límite		11.35 dB	8.21 dB
Frec.		184 MHz	379 MHz

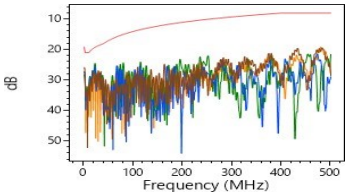


		Margen	Valor
IL	✓	2.60 dB	6.60 dB
Par		12	12
Límite		3 dB	37.78 dB
Frec.		2.80 MHz	388 MHz

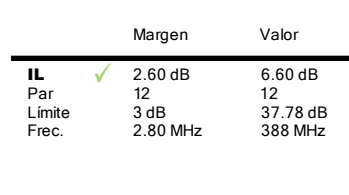
Unidad Remoto



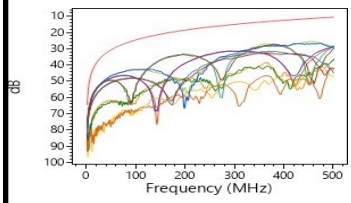
		Margen	Valor
NEXT	✓	3.60 dB	37.80 dB
Par		36-45	36-78
Límite		46.67 dB	27.03 dB
Frec.		50.25 MHz	487 MHz
PSNEXT	✓	5.50 dB	35.70 dB
Par		36	36
Límite		45.05 dB	24.12 dB
Frec.		44.50 MHz	488 MHz



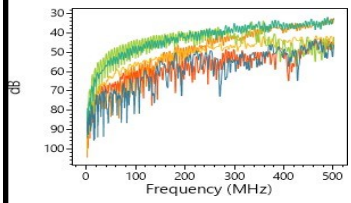
		Margen	Valor
RL	✓	9.30 dB	19.10 dB
Par		36	12
Límite		14.98 dB	8 dB
Frec.		79.75 MHz	479 MHz



Unidad Principal

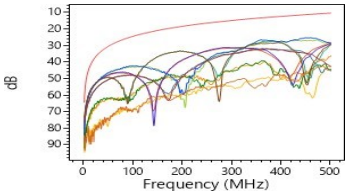


		Margen	Valor
ACR-F	✓	13.60 dB	25.40 dB
Par		36-45	36-45
Límite		13.11 dB	11.18 dB
Frec.		358 MHz	447 MHz
PSACR-F	✓	10 dB	24 dB
Par		78	36
Límite		61.19 dB	9.66 dB
Frec.		1 MHz	377 MHz

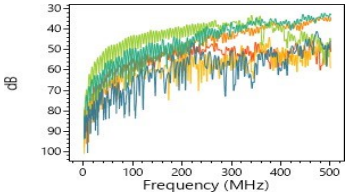


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

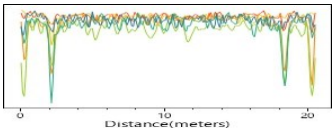


		Margen	Valor
ACR-F	✓	13.20 dB	25.10 dB
Par		45-36	45-36
Límite		13.09 dB	11.16 dB
Frec.		359 MHz	448 MHz
PSACR-F	✓	8.20 dB	24.20 dB
Par		78	36
Límite		61.19 dB	10.11 dB
Frec.		1 MHz	358 MHz

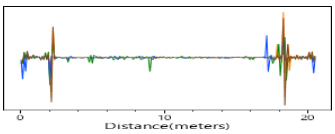


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

TREND NETWORKS

TREND *AnyWARE*® Nube
Informe de certificación

ID de test: RACK R1 PPA DATOS 05
Fecha/hora: 3/2/2025 17:18
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

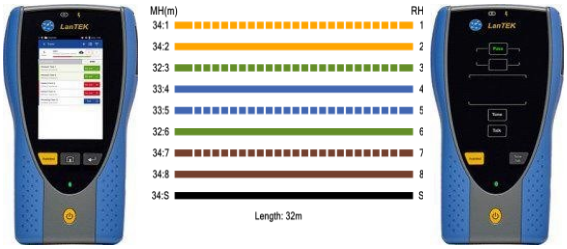
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

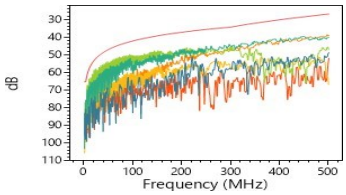
Test	Par	Límite	Resultado
Longitud	36	90 m	32.0 m ✓
Retardo	12	498 ns	158 ns ✓
Desviación	12	44 ns	10 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	5.78 Ω
DCRU			
Intrapar	36	0.20	0.23 Ω
P2P	36-78	0.20	0.04 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4.3	47.75	36-45	Remoto
PSNEXT	5.7	44.25	36	Remoto
RL	8.3	30.85	78	Princ.
IL	2.3	2.5	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

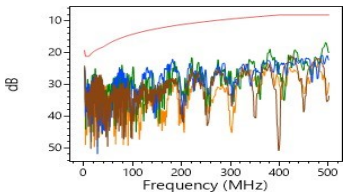


Unidad Principal

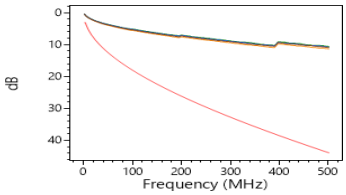


		Margen	Valor
NEXT	✓	5.30 dB	38.40 dB
Par		36-45	12-36
Límite		52.89 dB	26.77 dB
Frec.		20.50 MHz	496 MHz

		Margen	Valor
PSNEXT	✓	6.40 dB	35.60 dB
Par		36	36
Límite		58.41 dB	23.85 dB
Frec.		6.55 MHz	497 MHz

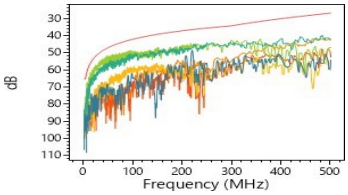


		Margen	Valor
RL	✓	8.30 dB	16.70 dB
Par		78	36
Límite		18.55 dB	8 dB
Frec.		30.85 MHz	493 MHz



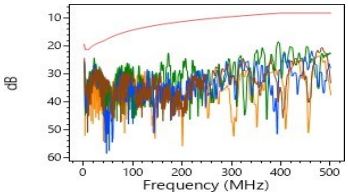
		Margen	Valor
IL	✓	2.30 dB	11.30 dB
Par		12	12
Límite		3 dB	43.75 dB
Frec.		2.50 MHz	500 MHz

Unidad Remoto



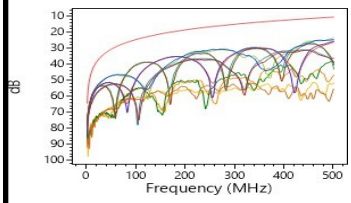
		Margen	Valor
NEXT	✓	4.30 dB	39.60 dB
Par		36-45	36-78
Límite		47.02 dB	27.18 dB
Frec.		47.75 MHz	482 MHz

		Margen	Valor
PSNEXT	✓	5.70 dB	37.10 dB
Par		36	36
Límite		45.09 dB	24.31 dB
Frec.		44.25 MHz	482 MHz



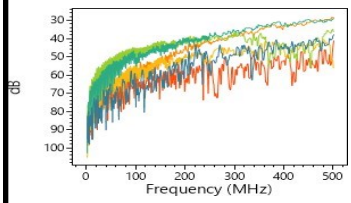
		Margen	Valor
RL	✓	8.60 dB	18.30 dB
Par		36	36
Límite		18.51 dB	8.06 dB
Frec.		31.50 MHz	393 MHz

Unidad Principal



		Margen	Valor
ACR-F	✓	13 dB	23.20 dB
Par		36-45	36-45
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz

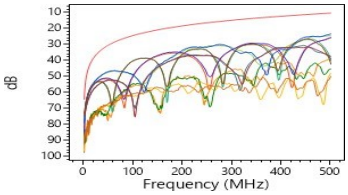
		Margen	Valor
PSACR-F	✓	8.80 dB	21.20 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

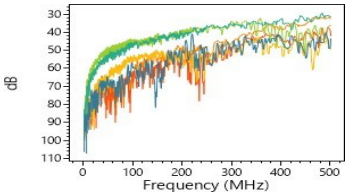
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	12.90 dB	23.10 dB
Par		45-36	45-36
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz

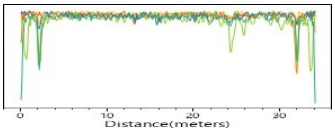
		Margen	Valor
PSACR-F	✓	9.80 dB	21.80 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz



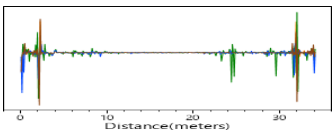
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

TREND NETWORKS

ID de test: RACK R1 PPA DATOS 06
Fecha/hora: 3/2/2025 17:18
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

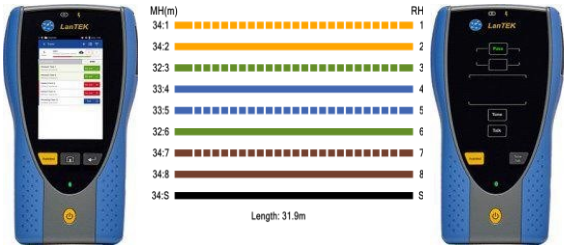
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

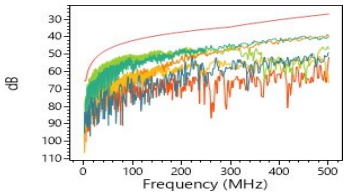
Test	Par	Límite	Resultado
Longitud	36	90 m	31.9 m ✓
Retardo	12	498 ns	159 ns ✓
Desviación	12	44 ns	11 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	5.81 Ω ℹ
DCRU			
Intrapar	36	0.20	0.23 Ω ℹ
P2P	45-78	0.20	0.04 Ω ℹ

Resumen de capac. de aum.

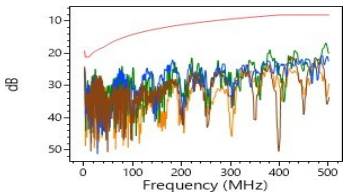
	Margen(dB)	MHz	Par	Extremo
NEXT	4.2	47.75	36-45	Remoto
PSNEXT	5.6	33.75	36	Remoto
RL	8.3	31	78	Princ.
IL	2.3	2.5	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



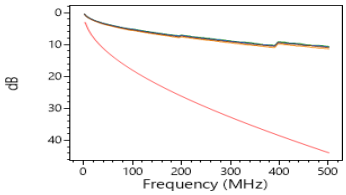
Unidad Principal



		Margen	Valor
NEXT	✓	5.50 dB	38.40 dB
Par		36-45	12-36
Límite		52.89 dB	26.77 dB
Frec.		20.50 MHz	496 MHz
PSNEXT	✓	6.50 dB	35.60 dB
Par		36	36
Límite		58.26 dB	23.85 dB
Frec.		6.70 MHz	497 MHz

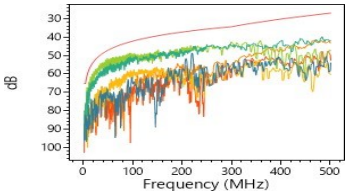


		Margen	Valor
RL	✓	8.30 dB	16.70 dB
Par		78	36
Límite		18.54 dB	8 dB
Frec.		31 MHz	493 MHz

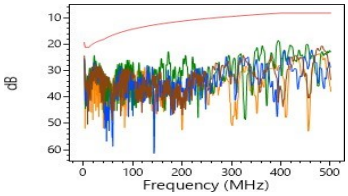


		Margen	Valor
IL	✓	2.30 dB	11.30 dB
Par		12	12
Límite		3 dB	43.75 dB
Frec.		2.50 MHz	500 MHz

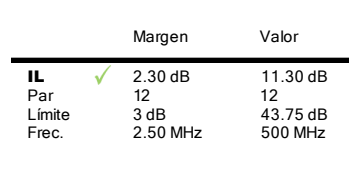
Unidad Remoto



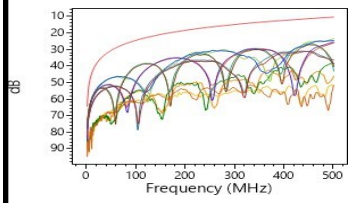
		Margen	Valor
NEXT	✓	4.20 dB	39.60 dB
Par		36-45	36-78
Límite		47.02 dB	27.18 dB
Frec.		47.75 MHz	482 MHz
PSNEXT	✓	5.60 dB	37.20 dB
Par		36	36
Límite		47 dB	24.31 dB
Frec.		33.75 MHz	482 MHz



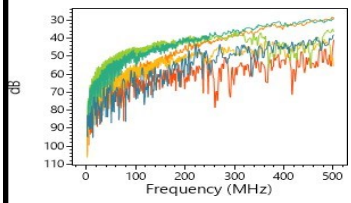
		Margen	Valor
RL	✓	8.40 dB	18.40 dB
Par		36	36
Límite		18.51 dB	8.06 dB
Frec.		31.50 MHz	393 MHz



Unidad Principal

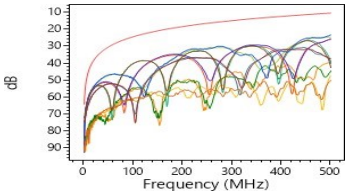


		Margen	Valor
ACR-F	✓	13 dB	23.20 dB
Par		36-45	36-45
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	8.30 dB	21.30 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz

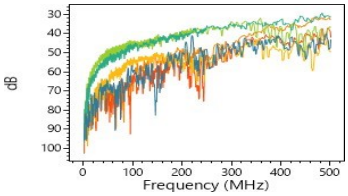


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

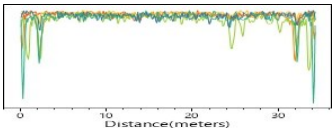


		Margen	Valor
ACR-F	✓	12.90 dB	23.10 dB
Par		45-36	45-36
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	8.40 dB	21.80 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz

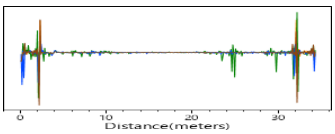


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 07
Fecha/hora: 3/2/2025 17:18
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

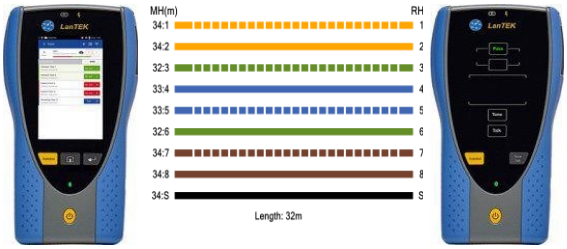
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

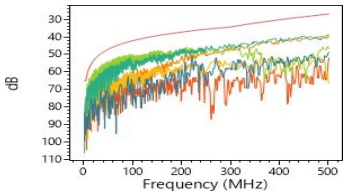
Test	Par	Límite	Resultado
Longitud	36	90 m	32.0 m ✓
Retardo	12	498 ns	158 ns ✓
Desviación	12	44 ns	10 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	5.85 Ω
DCRU			
Intrapar	36	0.20	0.23 Ω
P2P	45-78	0.20	0.04 Ω

Resumen de capac. de aum.

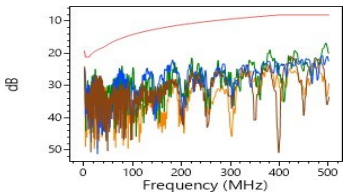
	Margen(dB)	MHz	Par	Extremo
NEXT	4.2	47.75	36-45	Remoto
PSNEXT	5.7	44.5	36	Remoto
RL	8.3	31	78	Princ.
IL	2.3	2.5	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



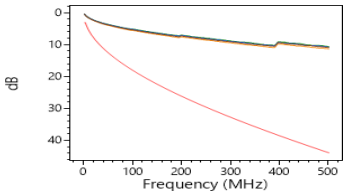
Unidad Principal



		Margen	Valor
NEXT	✓	5.50 dB	38.50 dB
Par		36-45	12-36
Límite		52.89 dB	26.77 dB
Frec.		20.50 MHz	496 MHz
PSNEXT	✓	6.10 dB	35.70 dB
Par		36	36
Límite		58.41 dB	23.85 dB
Frec.		6.55 MHz	497 MHz

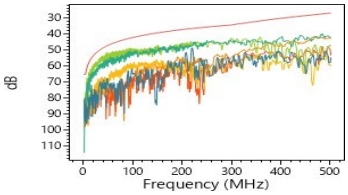


		Margen	Valor
RL	✓	8.30 dB	16.70 dB
Par		78	36
Límite		18.54 dB	8 dB
Frec.		31 MHz	493 MHz

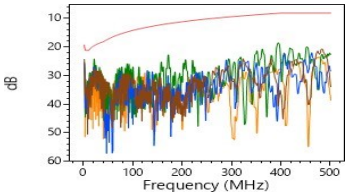


		Margen	Valor
IL	✓	2.30 dB	11.30 dB
Par		12	12
Límite		3 dB	43.75 dB
Frec.		2.50 MHz	500 MHz

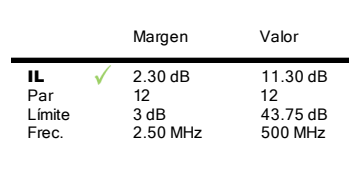
Unidad Remoto



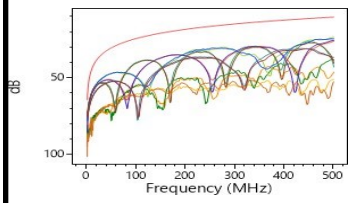
		Margen	Valor
NEXT	✓	4.20 dB	39.60 dB
Par		36-45	36-78
Límite		47.02 dB	27.18 dB
Frec.		47.75 MHz	482 MHz
PSNEXT	✓	5.70 dB	37.20 dB
Par		36	36
Límite		45.05 dB	24.31 dB
Frec.		44.50 MHz	482 MHz



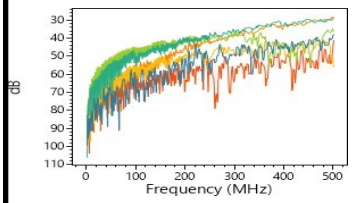
		Margen	Valor
RL	✓	8.40 dB	18.40 dB
Par		36	36
Límite		18.51 dB	8.06 dB
Frec.		31.50 MHz	393 MHz



Unidad Principal

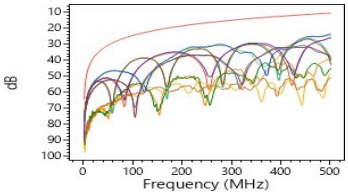


		Margen	Valor
ACR-F	✓	13 dB	23.20 dB
Par		36-45	36-45
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	9 dB	21.20 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz

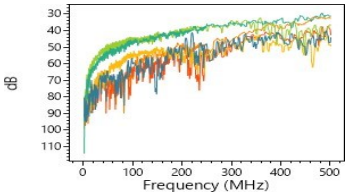


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

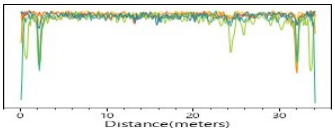


		Margen	Valor
ACR-F	✓	12.90 dB	23.10 dB
Par		45-36	45-36
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	9.40 dB	21.80 dB
Par		36	45
Límite		61.19 dB	7.25 dB
Frec.		1 MHz	498 MHz

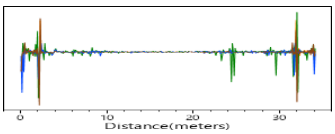


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 08
Fecha/hora: 3/2/2025 17:18
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

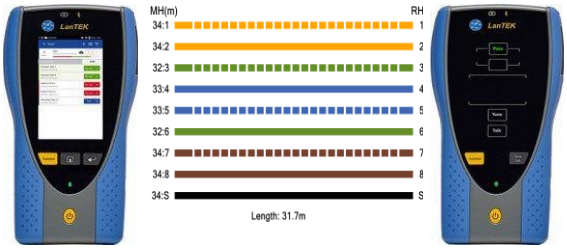
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

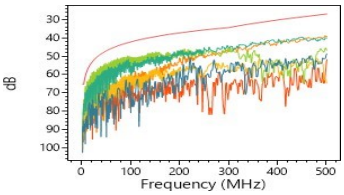
Test	Par	Límite	Resultado
Longitud	36	90 m	31.7 m ✓
Retardo	12	498 ns	157 ns ✓
Desviación	12	44 ns	10 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	5.93 Ω ℹ
DCRU			
Intrapar	36	0.20	0.24 Ω ℹ
P2P	45-78	0.20	0.04 Ω ℹ

Resumen de capac. de aum.

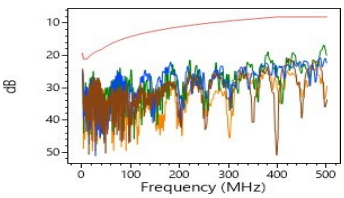
	Margen(dB)	MHz	Par	Extremo
NEXT	4.2	47.75	36-45	Remoto
PSNEXT	5.6	47.75	36	Remoto
RL	8.2	30.85	78	Princ.
IL	2.3	2.5	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



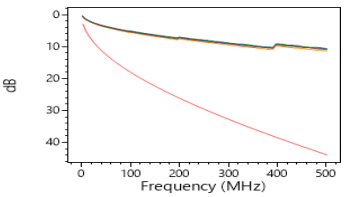
Unidad Principal



		Margen	Valor
NEXT	✓	5.50 dB	38.50 dB
Par		36-45	12-36
Límite		60.73 dB	26.77 dB
Frec.		6.55 MHz	496 MHz
PSNEXT	✓	6.10 dB	35.70 dB
Par		36	36
Límite		58.41 dB	23.88 dB
Frec.		6.55 MHz	496 MHz

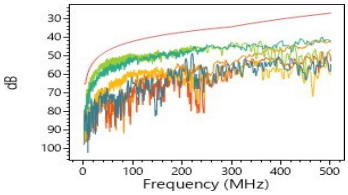


		Margen	Valor
RL	✓	8.20 dB	16.70 dB
Par		78	36
Límite		18.55 dB	8 dB
Frec.		30.85 MHz	493 MHz

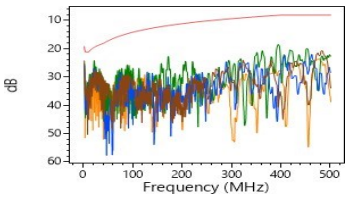


		Margen	Valor
IL	✓	2.30 dB	11.30 dB
Par		12	12
Límite		3 dB	43.75 dB
Frec.		2.50 MHz	500 MHz

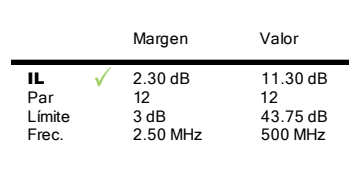
Unidad Remoto



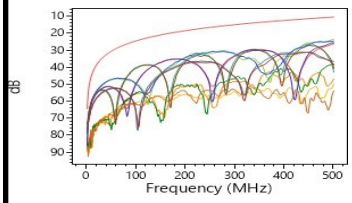
		Margen	Valor
NEXT	✓	4.20 dB	39.60 dB
Par		36-45	36-78
Límite		47.02 dB	27.18 dB
Frec.		47.75 MHz	482 MHz
PSNEXT	✓	5.60 dB	37.20 dB
Par		36	36
Límite		44.56 dB	24.31 dB
Frec.		47.75 MHz	482 MHz



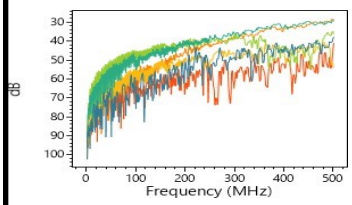
		Margen	Valor
RL	✓	8.40 dB	18.40 dB
Par		36	36
Límite		18.51 dB	8.06 dB
Frec.		31.50 MHz	393 MHz



Unidad Principal

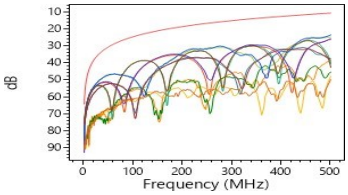


		Margen	Valor
ACR-F	✓	13 dB	23.20 dB
Par		36-45	36-45
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	9.70 dB	21.30 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz

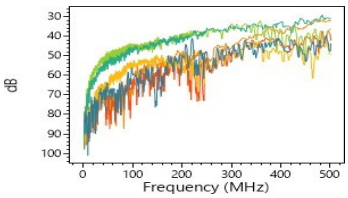


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

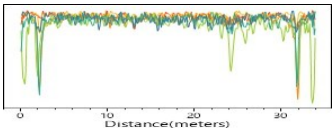


		Margen	Valor
ACR-F	✓	12.90 dB	23.10 dB
Par		45-36	45-36
Límite		10.21 dB	10.21 dB
Frec.		500 MHz	500 MHz
PSACR-F	✓	9.40 dB	21.80 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz

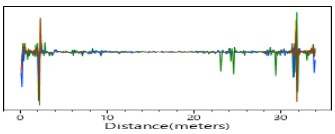


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 09
Fecha/hora: 3/2/2025 17:19
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

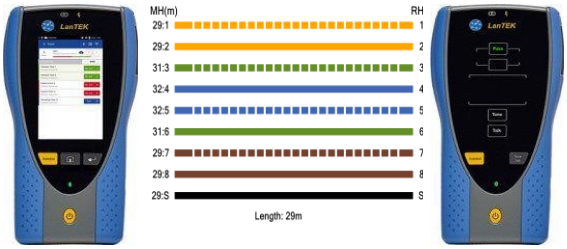
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

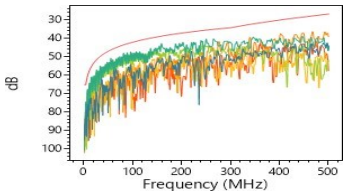
Test	Par	Límite	Resultado
Longitud	78	90 m	29.0 m ✓
Retardo	45	498 ns	147 ns ✓
Desviación	45	44 ns	13 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	45	21 ohms	5.59 Ω
DCRU			
Intrapar	36	0.20	0.21 Ω
P2P	12-45	0.20	0.09 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4	158	36-78	Princ.
PSNEXT	4.9	94.75	36	Princ.
RL	1.8	265	78	Princ.
IL	2.4	3.1	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

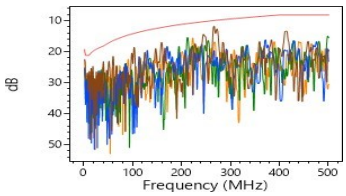


Unidad Principal

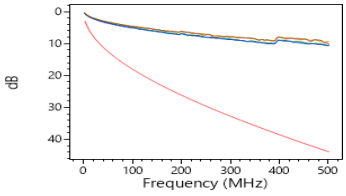


		Margen	Valor
NEXT	✓	4 dB	36.20 dB
Par		36-78	12-36
Límite		38.60 dB	27.66 dB
Frec.		158 MHz	466 MHz

		Margen	Valor
PSNEXT	✓	4.90 dB	34.40 dB
Par		36	36
Límite		39.69 dB	25.47 dB
Frec.		94.75 MHz	446 MHz

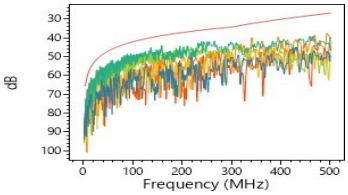


		Margen	Valor
RL	✓	1.80 dB	11.60 dB
Par		78	78
Límite		9.77 dB	9.77 dB
Frec.		265 MHz	265 MHz



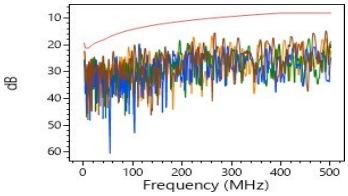
		Margen	Valor
IL	✓	2.40 dB	10.50 dB
Par		12	45
Límite		3 dB	43.44 dB
Frec.		2.80 MHz	494 MHz

Unidad Remoto

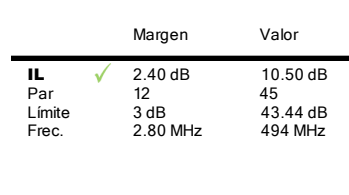


		Margen	Valor
NEXT	✓	5.10 dB	37.30 dB
Par		36-78	12-36
Límite		49.65 dB	26.88 dB
Frec.		32.75 MHz	492 MHz

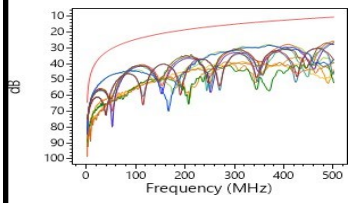
		Margen	Valor
PSNEXT	✓	5.80 dB	35.90 dB
Par		36	36
Límite		36.04 dB	24 dB
Frec.		157.50 MHz	492 MHz



		Margen	Valor
RL	✓	5.60 dB	14.60 dB
Par		78	78
Límite		9.78 dB	8 dB
Frec.		264 MHz	490 MHz

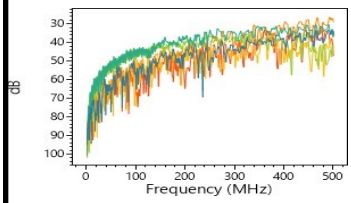


Unidad Principal



		Margen	Valor
ACR-F	✓	14.50 dB	25.40 dB
Par		36-45	12-45
Límite		14.25 dB	10.25 dB
Frec.		314 MHz	498 MHz

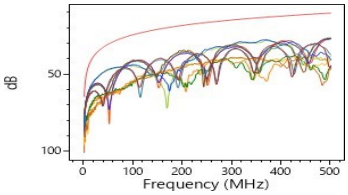
		Margen	Valor
PSACR-F	✓	8.40 dB	24.90 dB
Par		78	45
Límite		61.19 dB	7.28 dB
Frec.		1 MHz	496 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

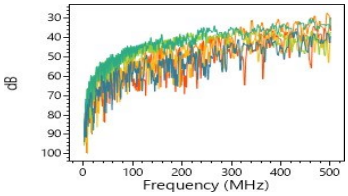
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	14.50 dB	26.20 dB
Par		45-36	12-45
Límite		14.25 dB	10.26 dB
Frec.		314 MHz	497 MHz

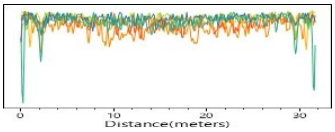
		Margen	Valor
PSACR-F	✓	9.80 dB	25 dB
Par		78	45
Límite		61.19 dB	9.48 dB
Frec.		1 MHz	385 MHz



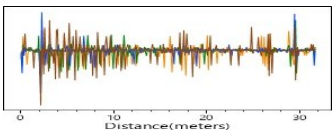
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 10
Fecha/hora: 3/2/2025 17:20
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

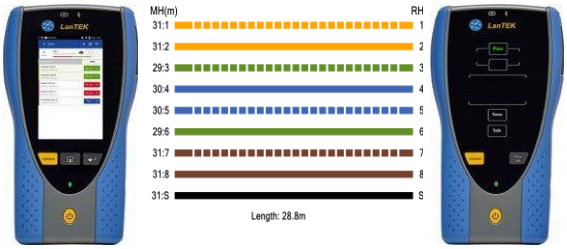
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

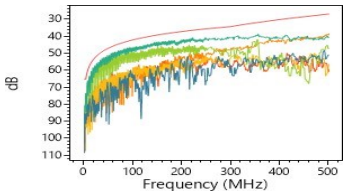
Test	Par	Límite	Resultado
Longitud	36	90 m	28.8 m ✓
Retardo	12	498 ns	143 ns ✓
Desviación	12	44 ns	10 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	78	21 ohms	5.5 Ω ℹ
DCRU			
Intrapar	36	0.20	0.22 Ω ℹ
P2P	36-78	0.20	0.04 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	3.8	55	36-78	Princ.
PSNEXT	4.6	22.15	36	Princ.
RL	7.9	54	36	Princ.
IL	2.4	2.95	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

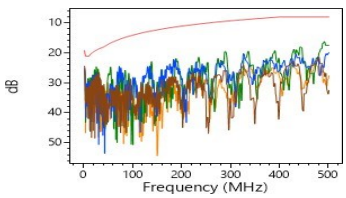


Unidad Principal

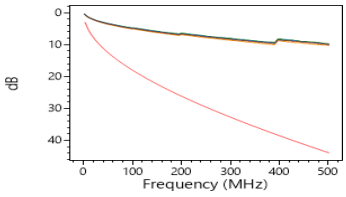


		Margen	Valor
NEXT	✓	3.80 dB	38.20 dB
Par		36-78	12-36
Límite		46.04 dB	26.65 dB
Frec.		55 MHz	500 MHz

		Margen	Valor
PSNEXT	✓	4.60 dB	35.60 dB
Par		36	36
Límite		49.96 dB	23.88 dB
Frec.		22.15 MHz	496 MHz

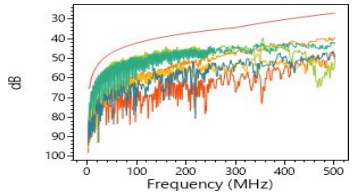


		Margen	Valor
RL	✓	7.90 dB	16.20 dB
Par		36	36
Límite		16.68 dB	8 dB
Frec.		54 MHz	490 MHz



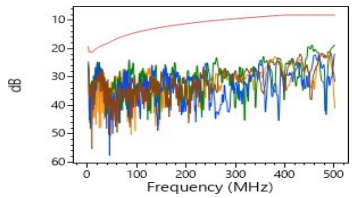
		Margen	Valor
IL	✓	2.40 dB	10.20 dB
Par		12	12
Límite		3.07 dB	43.75 dB
Frec.		2.95 MHz	500 MHz

Unidad Remoto



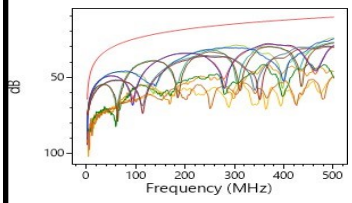
		Margen	Valor
NEXT	✓	4.70 dB	39.10 dB
Par		36-45	12-36
Límite		46.92 dB	26.65 dB
Frec.		48.50 MHz	500 MHz

		Margen	Valor
PSNEXT	✓	4.80 dB	36.90 dB
Par		36	36
Límite		44.48 dB	28.88 dB
Frec.		48.25 MHz	355 MHz



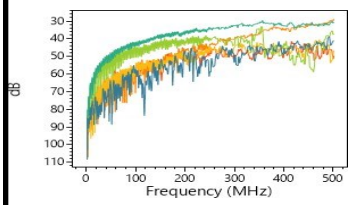
		Margen	Valor
RL	✓	9 dB	18.50 dB
Par		36	36
Límite		14.78 dB	8 dB
Frec.		83.50 MHz	453 MHz

Unidad Principal



		Margen	Valor
ACR-F	✓	13.70 dB	23.90 dB
Par		36-45	36-45
Límite		10.28 dB	10.21 dB
Frec.		496 MHz	500 MHz

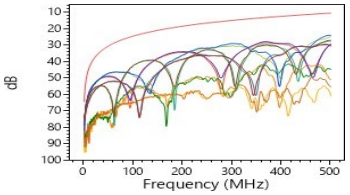
		Margen	Valor
PSACR-F	✓	10.30 dB	22.10 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

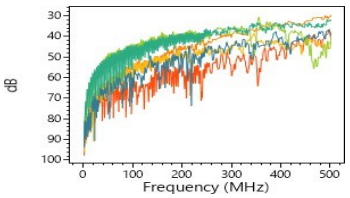
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	13.50 dB	23.70 dB
Par		45-36	45-36
Límite		10.32 dB	10.21 dB
Frec.		494 MHz	500 MHz

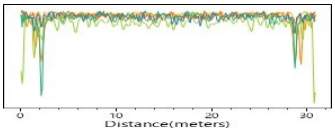
		Margen	Valor
PSACR-F	✓	10.20 dB	22 dB
Par		36	36
Límite		61.19 dB	7.28 dB
Frec.		1 MHz	496 MHz



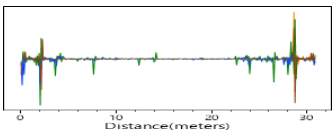
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 11
Fecha/hora: 3/2/2025 17:23
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

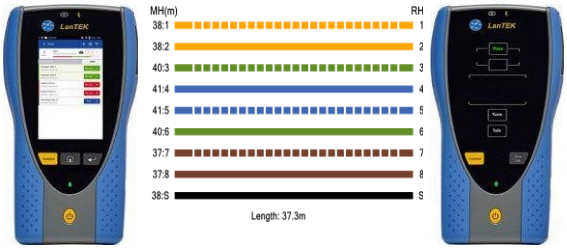
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

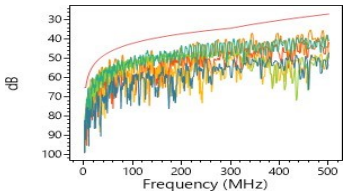
Test	Par	Límite	Resultado
Longitud	78	90 m	37.3 m ✓
Retardo	45	498 ns	190 ns ✓
Desviación	45	44 ns	17 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	6.62 Ω
DCRU			
Intrapar	36	0.20	0.27 Ω
P2P	12-36	0.23	0.09 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	3.9	52	12-36	Princ.
PSNEXT	3.8	51.75	36	Princ.
RL	3.8	36.5	78	Princ.
IL	2.1	2.8	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

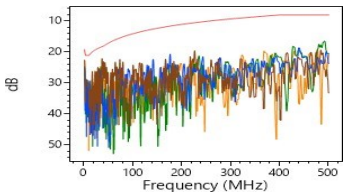


Unidad Principal

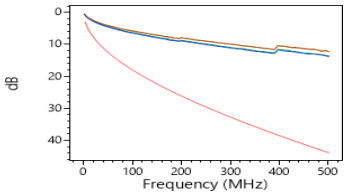


		Margen	Valor
NEXT	✓	3.90 dB	35 dB
Par		12-36	12-36
Límite		46.43 dB	27.79 dB
Frec.		52 MHz	462 MHz

		Margen	Valor
PSNEXT	✓	3.80 dB	33.40 dB
Par		36	36
Límite		43.99 dB	24.12 dB
Frec.		51.75 MHz	488 MHz

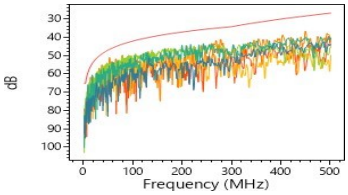


		Margen	Valor
RL	✓	3.80 dB	16.40 dB
Par		78	36
Límite		18.19 dB	8 dB
Frec.		36.50 MHz	490 MHz



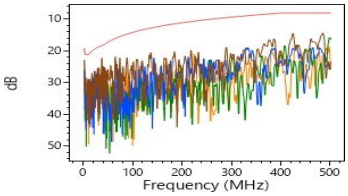
		Margen	Valor
IL	✓	2.10 dB	13.70 dB
Par		36	45
Límite		3 dB	43.70 dB
Frec.		2.80 MHz	499 MHz

Unidad Remoto



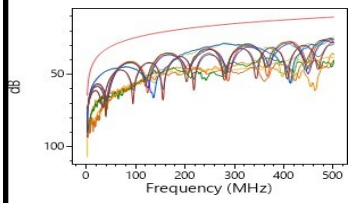
		Margen	Valor
NEXT	✓	4.40 dB	36.50 dB
Par		12-36	12-36
Límite		46.43 dB	28.23 dB
Frec.		52 MHz	448 MHz

		Margen	Valor
PSNEXT	✓	4.40 dB	34.60 dB
Par		36	36
Límite		43.95 dB	25.40 dB
Frec.		52 MHz	448 MHz



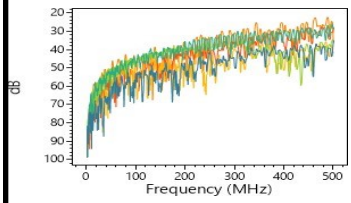
		Margen	Valor
RL	✓	3.90 dB	14.30 dB
Par		78	78
Límite		18.19 dB	8 dB
Frec.		36.50 MHz	483 MHz

Unidad Principal



		Margen	Valor
ACR-F	✓	12.90 dB	24.20 dB
Par		36-45	36-45
Límite		15.37 dB	10.21 dB
Frec.		276 MHz	500 MHz

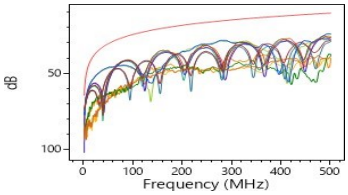
		Margen	Valor
PSACR-F	✓	8.60 dB	20.90 dB
Par		78	45
Límite		61.19 dB	7.23 dB
Frec.		1 MHz	499 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

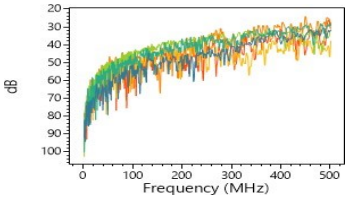
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	12.80 dB	23.90 dB
Par		45-36	45-36
Límite		15.34 dB	10.33 dB
Frec.		277 MHz	493 MHz

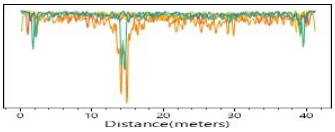
		Margen	Valor
PSACR-F	✓	8.80 dB	21.40 dB
Par		36	45
Límite		61.19 dB	7.39 dB
Frec.		1 MHz	490 MHz



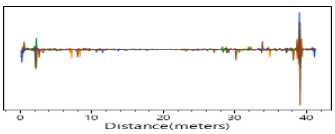
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 12
Fecha/hora: 3/2/2025 17:22
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

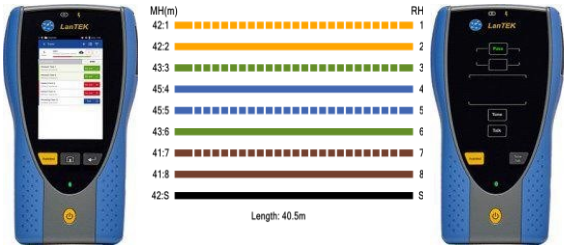
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

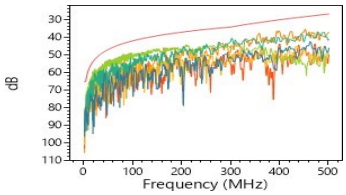
Test	Par	Límite	Resultado
Longitud	78	90 m	40.5 m ✓
Retardo	45	498 ns	206 ns ✓
Desviación	45	44 ns	18 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	7.21 Ω ℹ
DCRU			
Intrapar	36	0.21	0.33 Ω ℹ
P2P	12-36	0.24	0.11 Ω ℹ

Resumen de capac. de aum.

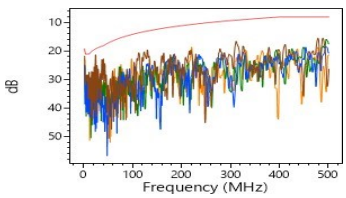
	Margen(dB)	MHz	Par	Extremo
NEXT	5.4	17.35	36-45	Princ.
PSNEXT	5.8	163	36	Remoto
RL	2	23.35	78	Princ.
IL	2	3.1	45	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



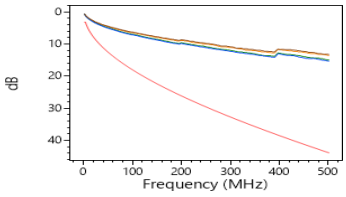
Unidad Principal



	Margen	Valor
NEXT ✓	5.40 dB	35.30 dB
Par	36-45	12-36
Límite	54.05 dB	28.13 dB
Frec.	17.35 MHz	451 MHz
PSNEXT ✓	6.30 dB	33.90 dB
Par	36	36
Límite	35.80 dB	25.27 dB
Frec.	163 MHz	452 MHz

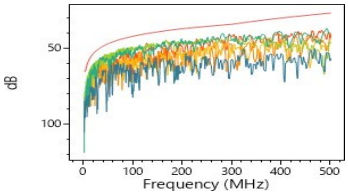


	Margen	Valor
RL ✓	2 dB	15.40 dB
Par	78	78
Límite	19.16 dB	8 dB
Frec.	23.35 MHz	477 MHz

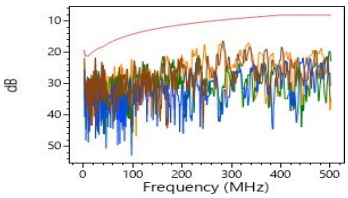


	Margen	Valor
IL ✓	2 dB	15.20 dB
Par	36	45
Límite	3 dB	43.65 dB
Frec.	2.80 MHz	498 MHz

Unidad Remoto

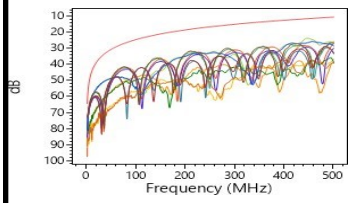


	Margen	Valor
NEXT ✓	5.60 dB	36.80 dB
Par	36-78	36-78
Límite	34.50 dB	26.91 dB
Frec.	281 MHz	491 MHz
PSNEXT ✓	5.80 dB	36 dB
Par	36	36
Límite	35.80 dB	27.25 dB
Frec.	163 MHz	396 MHz

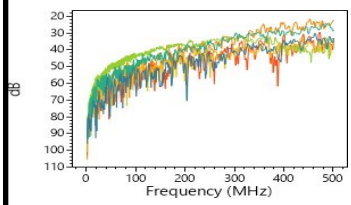


	Margen	Valor
RL ✓	2.40 dB	16.20 dB
Par	78	78
Límite	19.16 dB	9.51 dB
Frec.	23.35 MHz	281 MHz

Unidad Principal

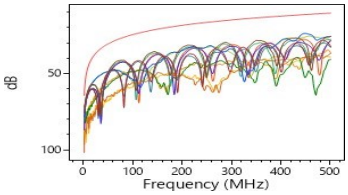


	Margen	Valor
ACR-F ✓	12.20 dB	23.40 dB
Par	36-45	36-45
Límite	11.20 dB	11.20 dB
Frec.	446 MHz	446 MHz
PSACR-F ✓	8.80 dB	21.80 dB
Par	36	45
Límite	61.19 dB	8.26 dB
Frec.	1 MHz	443 MHz

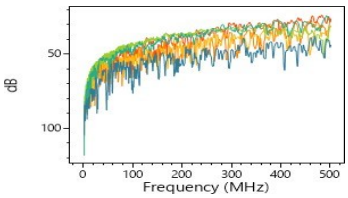


	Margen	Valor
ACR-N ℹ	N/A	N/A
Par	12-36	12-36
Límite	N/A	N/A
Frec.	N/A	N/A
PSACR-N ℹ	N/A	N/A
Par	12	12
Límite	N/A	N/A
Frec.	N/A	N/A

Unidad Remoto

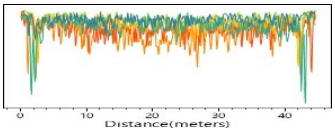


	Margen	Valor
ACR-F ✓	12.30 dB	23.50 dB
Par	45-36	45-36
Límite	11.18 dB	11.18 dB
Frec.	447 MHz	447 MHz
PSACR-F ✓	8.70 dB	22.20 dB
Par	78	36
Límite	61.19 dB	7.21 dB
Frec.	1 MHz	500 MHz

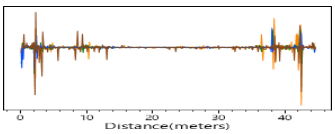


	Margen	Valor
ACR-N ℹ	N/A	N/A
Par	12-36	12-36
Límite	N/A	N/A
Frec.	N/A	N/A
PSACR-N ℹ	N/A	N/A
Par	12	12
Límite	N/A	N/A
Frec.	N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 13
Fecha/hora: 3/2/2025 17:24
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

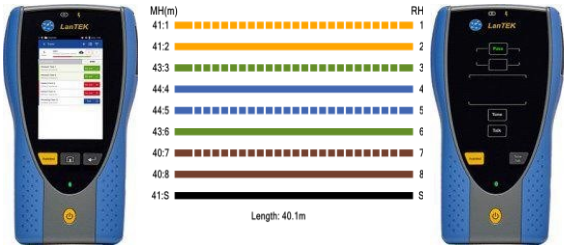
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

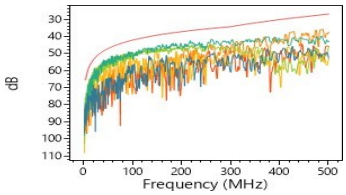
Test	Par	Límite	Resultado
Longitud	78	90 m	40.1 m ✓
Retardo	45	498 ns	204 ns ✓
Desviación	45	44 ns	18 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	45	21 ohms	6.98 Ω ℹ
DCRU			
Intrapar	36	0.20	0.17 Ω ℹ
P2P	12-45	0.24	0.09 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.2	39.75	36-78	Princ.
PSNEXT	5.1	55.75	36	Remoto
RL	3.1	26.5	78	Princ.
IL	2	2.8	45	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

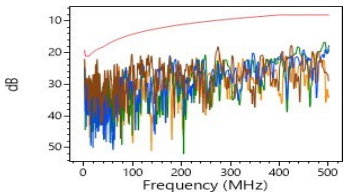


Unidad Principal

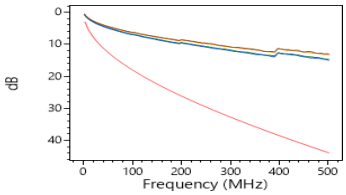


		Margen	Valor
NEXT	✓	5.20 dB	35.60 dB
Par		36-78	12-36
Límite		48.30 dB	27.06 dB
Frec.		39.75 MHz	486 MHz

		Margen	Valor
PSNEXT	✓	5.10 dB	34.10 dB
Par		36	36
Límite		43.46 dB	24.18 dB
Frec.		55.75 MHz	486 MHz

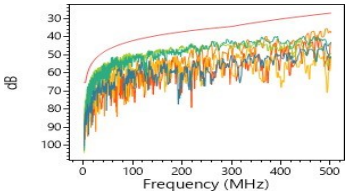


		Margen	Valor
RL	✓	3.10 dB	16.60 dB
Par		78	36
Límite		18.88 dB	8 dB
Frec.		26.50 MHz	490 MHz



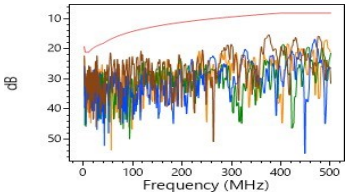
		Margen	Valor
IL	✓	2 dB	14.90 dB
Par		45	45
Límite		3 dB	43.75 dB
Frec.		2.80 MHz	500 MHz

Unidad Remoto

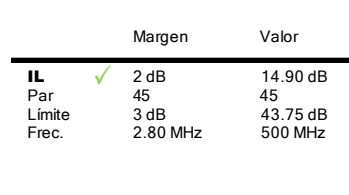


		Margen	Valor
NEXT	✓	5.30 dB	35.20 dB
Par		36-78	12-36
Límite		45.94 dB	26.91 dB
Frec.		55.75 MHz	491 MHz

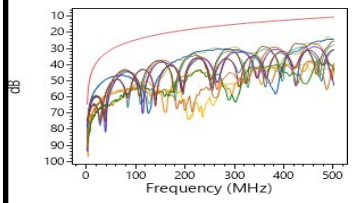
		Margen	Valor
PSNEXT	✓	5.10 dB	34.30 dB
Par		36	36
Límite		43.46 dB	24.09 dB
Frec.		55.75 MHz	489 MHz



		Margen	Valor
RL	✓	3.20 dB	15.20 dB
Par		78	78
Límite		18.87 dB	8.27 dB
Frec.		26.65 MHz	374 MHz

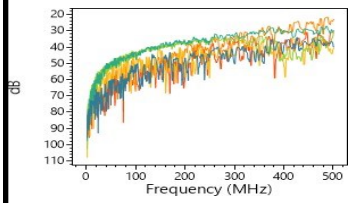


Unidad Principal



		Margen	Valor
ACR-F	✓	12.30 dB	22.70 dB
Par		36-45	36-45
Límite		10.46 dB	10.44 dB
Frec.		486 MHz	487 MHz

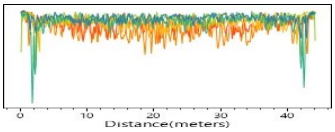
		Margen	Valor
PSACR-F	✓	9.40 dB	21.30 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



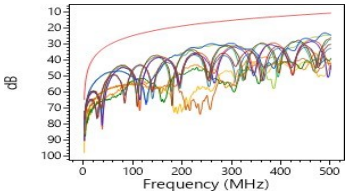
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL

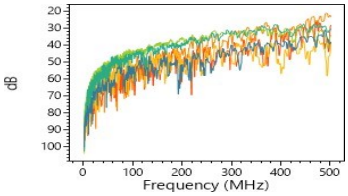


Unidad Remoto



		Margen	Valor
ACR-F	✓	12.10 dB	22.50 dB
Par		45-36	45-36
Límite		10.46 dB	10.44 dB
Frec.		486 MHz	487 MHz

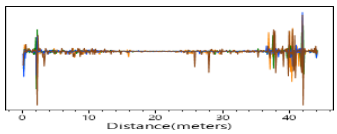
		Margen	Valor
PSACR-F	✓	9 dB	21.30 dB
Par		78	36
Límite		61.19 dB	7.40 dB
Frec.		1 MHz	489 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 14
Fecha/hora: 3/2/2025 17:24
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

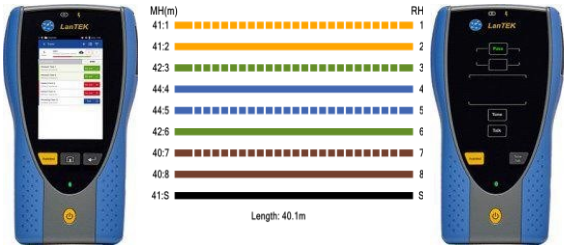
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

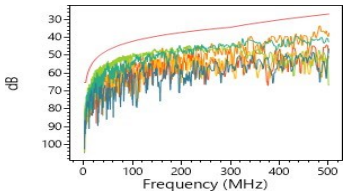
Test	Par	Límite	Resultado
Longitud	78	90 m	40.1 m ✓
Retardo	45	498 ns	202 ns ✓
Desviación	45	44 ns	16 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	45	21 ohms	7.04 Ω
DCRU			
Intrapar	36	0.21	0.15 Ω
P2P	12-45	0.24	0.09 Ω

Resumen de capac. de aum.

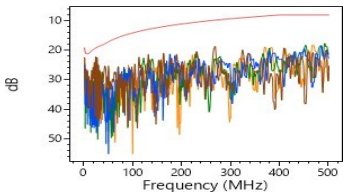
	Margen(dB)	MHz	Par	Extremo
NEXT	5.9	48.25	36-45	Princ.
PSNEXT	5.7	48.25	36	Princ.
RL	3	23.8	78	Remoto
IL	2	2.8	45	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



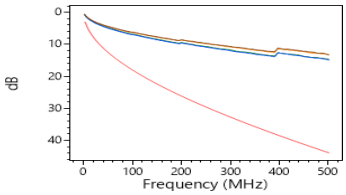
Unidad Principal



		Margen	Valor
NEXT	✓	5.90 dB	33.30 dB
Par		36-45	12-36
Límite		46.95 dB	27.21 dB
Frec.		48.25 MHz	481 MHz
PSNEXT	✓	5.70 dB	32.40 dB
Par		36	36
Límite		44.48 dB	24.31 dB
Frec.		48.25 MHz	482 MHz

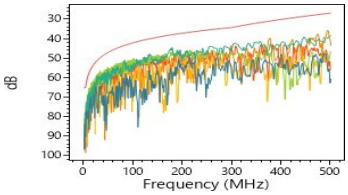


		Margen	Valor
RL	✓	3 dB	17.60 dB
Par		78	36
Límite		19.13 dB	8 dB
Frec.		23.65 MHz	491 MHz

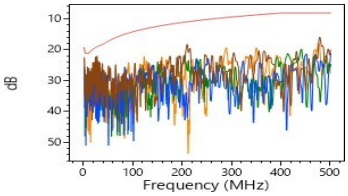


		Margen	Valor
IL	✓	2 dB	14.80 dB
Par		45	45
Límite		3 dB	43.75 dB
Frec.		2.80 MHz	500 MHz

Unidad Remoto

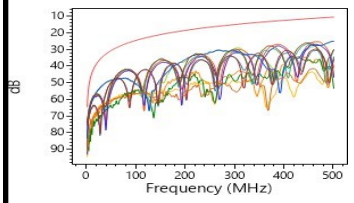


		Margen	Valor
NEXT	✓	6.60 dB	35.60 dB
Par		36-45	12-36
Límite		49.60 dB	26.85 dB
Frec.		33 MHz	493 MHz
PSNEXT	✓	6.50 dB	33.90 dB
Par		36	36
Límite		35.12 dB	23.91 dB
Frec.		179 MHz	495 MHz

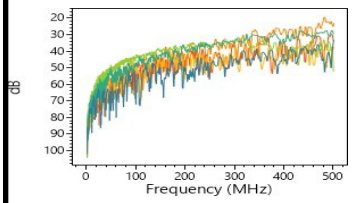


		Margen	Valor
RL	✓	3 dB	15.80 dB
Par		78	78
Límite		19.12 dB	8 dB
Frec.		23.80 MHz	477 MHz

Unidad Principal

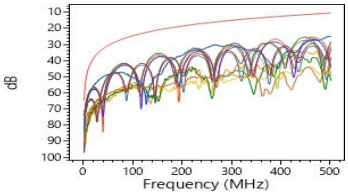


		Margen	Valor
ACR-F	✓	13.60 dB	24.60 dB
Par		36-78	36-45
Límite		55.25 dB	10.21 dB
Frec.		2.80 MHz	500 MHz
PSACR-F	✓	8.10 dB	22.10 dB
Par		78	45
Límite		61.19 dB	7.86 dB
Frec.		1 MHz	464 MHz

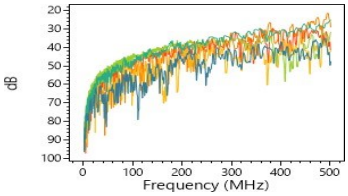


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

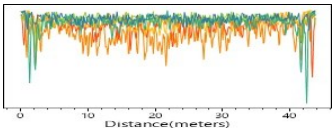


		Margen	Valor
ACR-F	✓	13.80 dB	24.50 dB
Par		12-45	45-36
Límite		12.48 dB	10.25 dB
Frec.		385 MHz	498 MHz
PSACR-F	✓	7.20 dB	22 dB
Par		78	45
Límite		61.19 dB	7.90 dB
Frec.		1 MHz	462 MHz

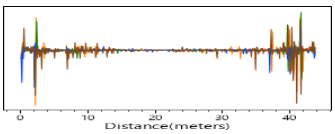


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 15
Fecha/hora: 3/2/2025 17:25
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

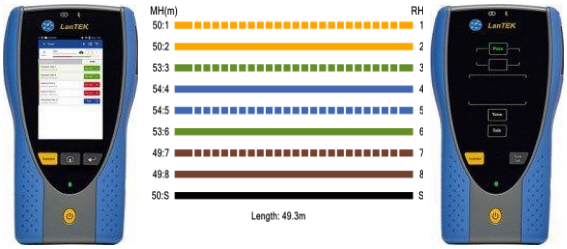
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

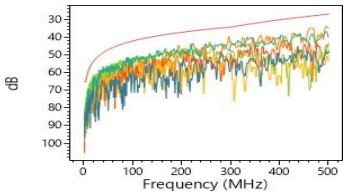
Test	Par	Límite	Resultado
Longitud	78	90 m	49.3 m ✓
Retardo	45	498 ns	251 ns ✓
Desviación	45	44 ns	23 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	8.47 Ω
DCRU			
Intrapar	36	0.25	0.36 Ω
P2P	36-78	0.29	0.13 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.2	295	12-36	Princ.
PSNEXT	6.8	90.75	36	Remoto
RL	5.4	97.5	78	Remoto
IL	1.8	2.65	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

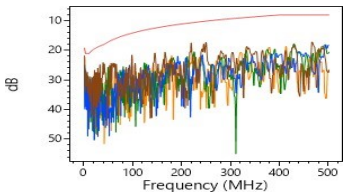


Unidad Principal

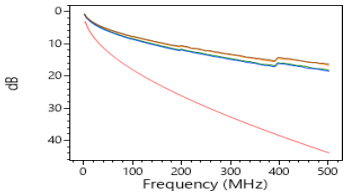


		Margen	Valor
NEXT	✓	5.20 dB	33.60 dB
Par		12-36	12-36
Límite		34.15 dB	26.82 dB
Frec.		295 MHz	494 MHz

		Margen	Valor
PSNEXT	✓	6.80 dB	31.50 dB
Par		36	36
Límite		31.50 dB	23.94 dB
Frec.		295 MHz	494 MHz

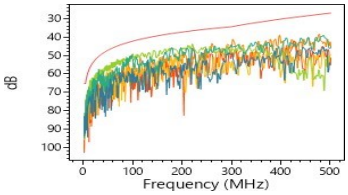


		Margen	Valor
RL	✓	5.90 dB	17.10 dB
Par		78	78
Límite		18.06 dB	8 dB
Frec.		38.75 MHz	465 MHz



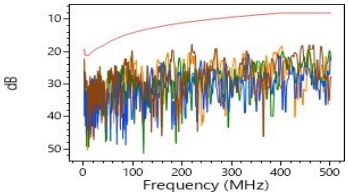
		Margen	Valor
IL	✓	1.80 dB	18.40 dB
Par		36	45
Límite		3 dB	43.70 dB
Frec.		2.65 MHz	499 MHz

Unidad Remoto

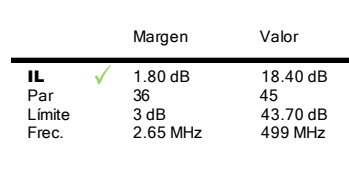


		Margen	Valor
NEXT	✓	6.80 dB	38.20 dB
Par		36-45	12-36
Límite		56.52 dB	27.36 dB
Frec.		12.10 MHz	476 MHz

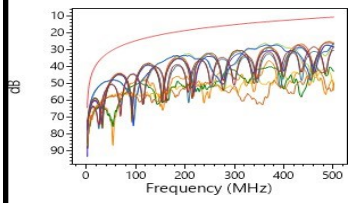
		Margen	Valor
PSNEXT	✓	6.80 dB	36.40 dB
Par		36	36
Límite		40 dB	24.46 dB
Frec.		90.75 MHz	477 MHz



		Margen	Valor
RL	✓	5.40 dB	17.60 dB
Par		78	78
Límite		14.11 dB	10.61 dB
Frec.		97.50 MHz	218.50 MHz

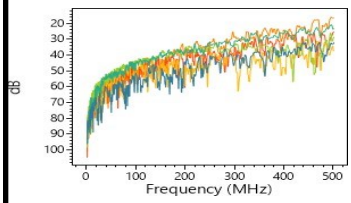


Unidad Principal



		Margen	Valor
ACR-F	✓	12.80 dB	24.60 dB
Par		36-45	12-45
Límite		13.09 dB	10.39 dB
Frec.		359 MHz	490 MHz

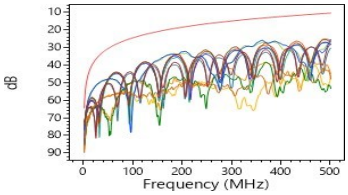
		Margen	Valor
PSACR-F	✓	7.80 dB	21.40 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

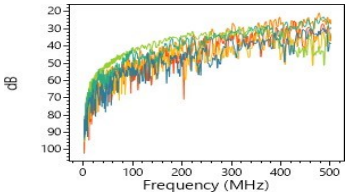
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	12.60 dB	24.90 dB
Par		45-36	12-45
Límite		13.06 dB	10.39 dB
Frec.		360 MHz	490 MHz

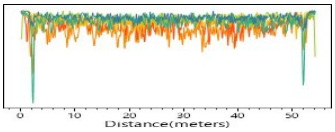
		Margen	Valor
PSACR-F	✓	9.40 dB	21.70 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



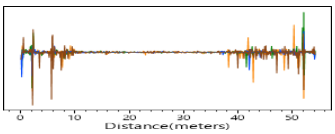
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 16
Fecha/hora: 3/2/2025 17:30
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

Unidad Principal
N/S: 21070008
S/W: 3.0.7
Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029

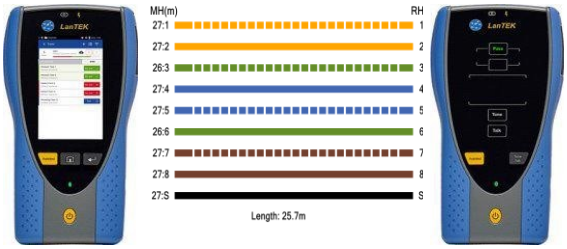
Unidad Remoto
N/S: 21070009
S/W: 3.0.7
Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 22400006

Tests de baja frecuencia

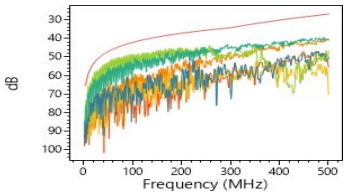
Test	Par	Límite	Resultado
Longitud	36	90 m	25.7 m ✓
Retardo	12	498 ns	127 ns ✓
Desviación	12	44 ns	8 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	5.42 Ω ℹ
DCRU			
Intrapar	36	0.20	0.70 Ω ℹ
P2P	36-45	0.20	0.10 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4.8	54.75	36-45	Remoto
PSNEXT	5.9	21.1	36	Princ.
RL	9.7	436	36	Princ.
IL	2.5	2.2	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

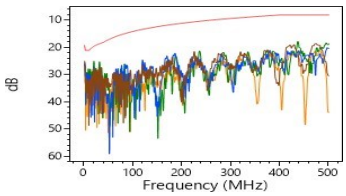


Unidad Principal

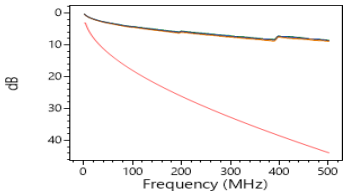


		Margen	Valor
NEXT	✓	4.90 dB	39.20 dB
Par		36-45	36-78
Límite		46.07 dB	26.97 dB
Frec.		54.75 MHz	489 MHz

		Margen	Valor
PSNEXT	✓	5.90 dB	36.60 dB
Par		36	36
Límite		50.30 dB	24.06 dB
Frec.		21.10 MHz	490 MHz

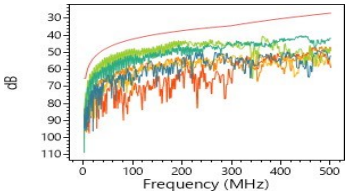


		Margen	Valor
RL	✓	9.70 dB	17.70 dB
Par		36	36
Límite		8 dB	8 dB
Frec.		436 MHz	436 MHz



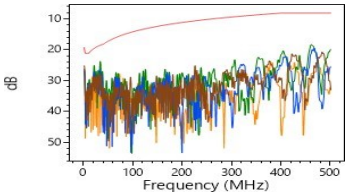
		Margen	Valor
IL	✓	2.50 dB	8.80 dB
Par		12	12
Límite		3 dB	43.60 dB
Frec.		2.20 MHz	497 MHz

Unidad Remoto

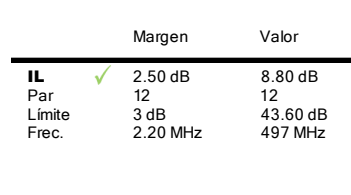


		Margen	Valor
NEXT	✓	4.80 dB	39.90 dB
Par		36-45	36-78
Límite		46.07 dB	28.52 dB
Frec.		54.75 MHz	439 MHz

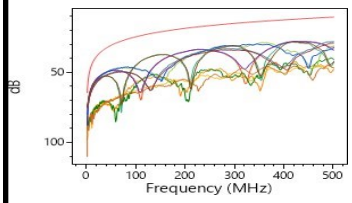
		Margen	Valor
PSNEXT	✓	6 dB	39 dB
Par		36	36
Límite		34.62 dB	25.67 dB
Frec.		192 MHz	440 MHz



		Margen	Valor
RL	✓	10.20 dB	18.20 dB
Par		36	36
Límite		8 dB	8 dB
Frec.		460 MHz	460 MHz

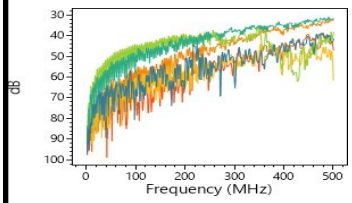


Unidad Principal



		Margen	Valor
ACR-F	✓	14.50 dB	27.60 dB
Par		36-78	12-45
Límite		54.36 dB	11.54 dB
Frec.		3.10 MHz	429 MHz

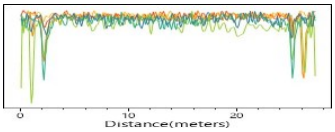
		Margen	Valor
PSACR-F	✓	9.20 dB	25.60 dB
Par		78	45
Límite		61.19 dB	7.26 dB
Frec.		1 MHz	497 MHz



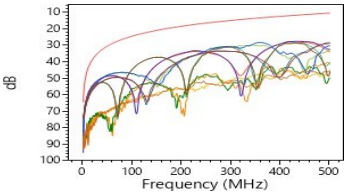
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL

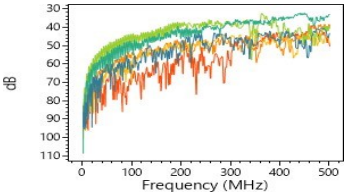


Unidad Remoto



		Margen	Valor
ACR-F	✓	14.90 dB	27.30 dB
Par		45-36	45-12
Límite		13.26 dB	11.68 dB
Frec.		352 MHz	422 MHz

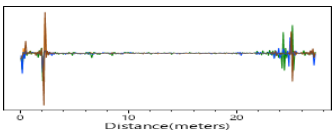
		Margen	Valor
PSACR-F	✓	9.30 dB	26 dB
Par		78	45
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 17
Fecha/hora: 3/2/2025 17:31
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

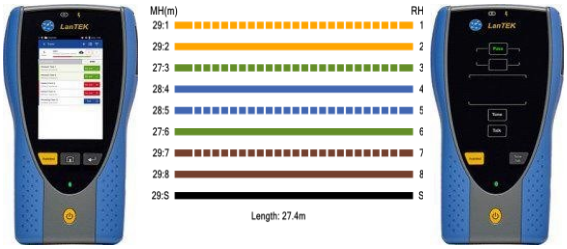
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

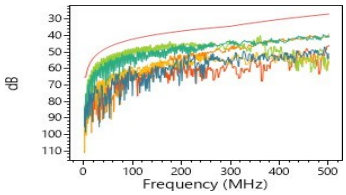
Test	Par	Límite	Resultado
Longitud	36	90 m	27.4 m ✓
Retardo	12	498 ns	136 ns ✓
Desviación	12	44 ns	9 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	5.6 Ω
DCRU			
Intrapar	36	0.20	0.64 Ω
P2P	36-45	0.20	0.10 Ω

Resumen de capac. de aum.

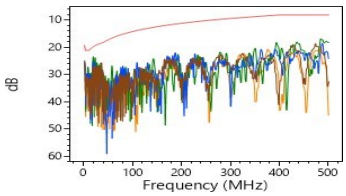
	Margen(dB)	MHz	Par	Extremo
NEXT	4.4	35.5	36-45	Princ.
PSNEXT	5.4	23.35	36	Princ.
RL	8.7	483	36	Princ.
IL	2.4	2.5	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A



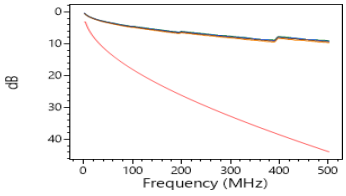
Unidad Principal



		Margen	Valor
NEXT	✓	4.40 dB	38.90 dB
Par		36-45	12-36
Límite		49.09 dB	26.65 dB
Frec.		35.50 MHz	500 MHz
PSNEXT	✓	5.40 dB	36.30 dB
Par		36	36
Límite		49.59 dB	23.76 dB
Frec.		23.35 MHz	500 MHz

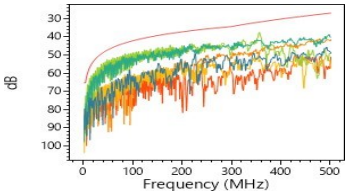


		Margen	Valor
RL	✓	8.70 dB	16.70 dB
Par		36	36
Límite		8 dB	8 dB
Frec.		483 MHz	483 MHz

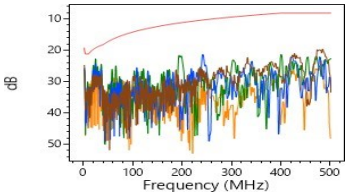


		Margen	Valor
IL	✓	2.40 dB	9.60 dB
Par		12	12
Límite		3 dB	43.75 dB
Frec.		2.50 MHz	500 MHz

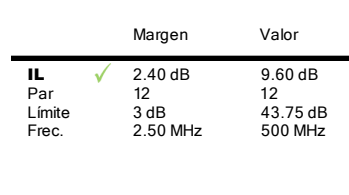
Unidad Remoto



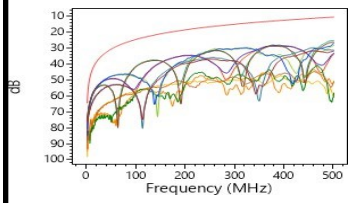
		Margen	Valor
NEXT	✓	5.10 dB	37.30 dB
Par		36-45	36-45
Límite		47.10 dB	31.58 dB
Frec.		47.25 MHz	355 MHz
PSNEXT	✓	6.20 dB	35.70 dB
Par		36	36
Límite		44.63 dB	28.84 dB
Frec.		47.25 MHz	356 MHz



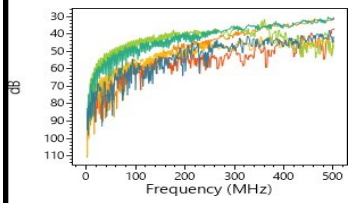
		Margen	Valor
RL	✓	8.90 dB	19.50 dB
Par		36	78
Límite		15.89 dB	8 dB
Frec.		64.75 MHz	483 MHz



Unidad Principal

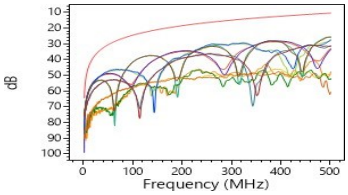


		Margen	Valor
ACR-F	✓	13.80 dB	25 dB
Par		78-36	36-78
Límite		55.72 dB	10.32 dB
Frec.		2.65 MHz	494 MHz
PSACR-F	✓	9.20 dB	23.30 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz

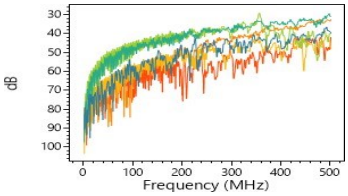


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto

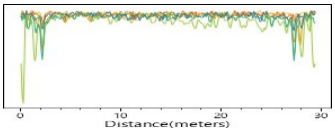


		Margen	Valor
ACR-F	✓	13.90 dB	25.40 dB
Par		45-36	36-78
Límite		15.86 dB	10.32 dB
Frec.		261 MHz	494 MHz
PSACR-F	✓	8.50 dB	23.20 dB
Par		78	36
Límite		61.19 dB	7.21 dB
Frec.		1 MHz	500 MHz

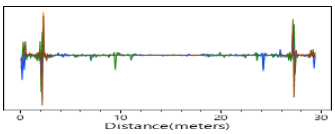


		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 18
Fecha/hora: 3/2/2025 17:31
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

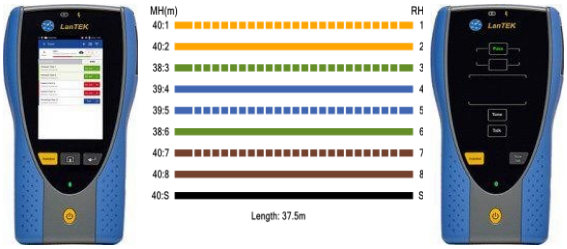
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

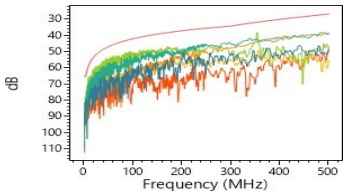
Test	Par	Límite	Resultado
Longitud	36	90 m	37.5 m ✓
Retardo	12	498 ns	187 ns ✓
Desviación	12	44 ns	13 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	6.96 Ω ℹ
DCRU			
Intrapar	36	0.20	0.61 Ω ℹ
P2P	36-45	0.24	0.08 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.5	57.5	36-45	Remoto
PSNEXT	6.6	353	36	Remoto
RL	7.8	483	36	Princ.
IL	2.1	2.65	12	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

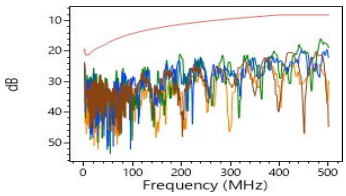


Unidad Principal

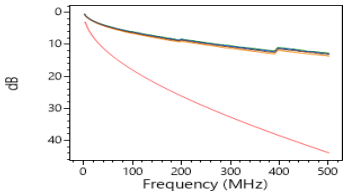


		Margen	Valor
NEXT	✓	6.30 dB	38 dB
Par		36-45	36-45
Límite		31.66 dB	31.66 dB
Frec.		353 MHz	353 MHz

		Margen	Valor
PSNEXT	✓	6.80 dB	35.10 dB
Par		36	36
Límite		28.97 dB	24.09 dB
Frec.		353 MHz	489 MHz

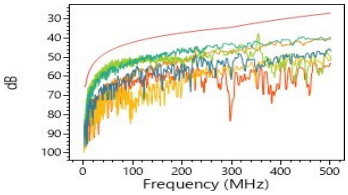


		Margen	Valor
RL	✓	7.80 dB	15.80 dB
Par		36	36
Límite		8 dB	8 dB
Frec.		483 MHz	483 MHz



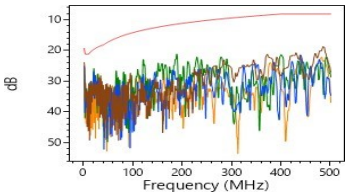
		Margen	Valor
IL	✓	2.10 dB	13.60 dB
Par		12	12
Límite		3 dB	43.65 dB
Frec.		2.65 MHz	498 MHz

Unidad Remoto

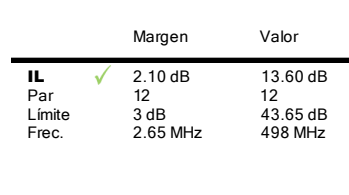


		Margen	Valor
NEXT	✓	5.50 dB	37.40 dB
Par		36-45	36-45
Límite		45.73 dB	31.66 dB
Frec.		57.50 MHz	353 MHz

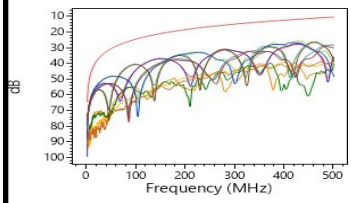
		Margen	Valor
PSNEXT	✓	6.60 dB	35.60 dB
Par		36	36
Límite		28.97 dB	28.97 dB
Frec.		353 MHz	353 MHz



		Margen	Valor
RL	✓	8.70 dB	18.60 dB
Par		36	78
Límite		18.70 dB	8 dB
Frec.		28.90 MHz	484 MHz

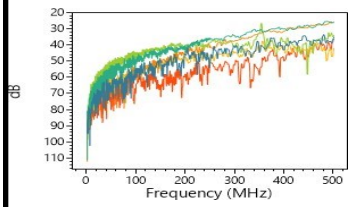


Unidad Principal



		Margen	Valor
ACR-F	✓	13.70 dB	25.30 dB
Par		36-45	36-45
Límite		11.58 dB	11.58 dB
Frec.		427 MHz	427 MHz

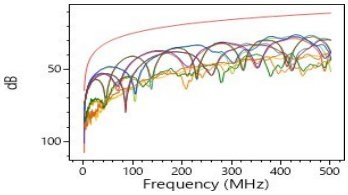
		Margen	Valor
PSACR-F	✓	9.40 dB	23.20 dB
Par		36	45
Límite		61.19 dB	8.56 dB
Frec.		1 MHz	428 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

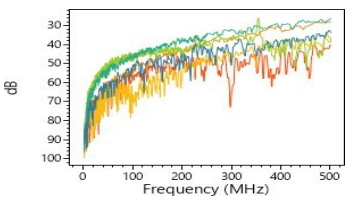
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	13.70 dB	25.30 dB
Par		45-36	45-36
Límite		11.56 dB	11.56 dB
Frec.		428 MHz	428 MHz

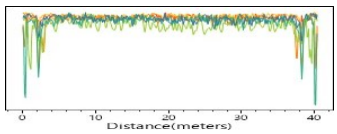
		Margen	Valor
PSACR-F	✓	8.80 dB	24.10 dB
Par		78	45
Límite		61.19 dB	8.75 dB
Frec.		1 MHz	419 MHz



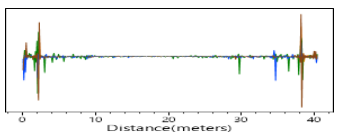
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 19
Fecha/hora: 3/2/2025 17:28
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

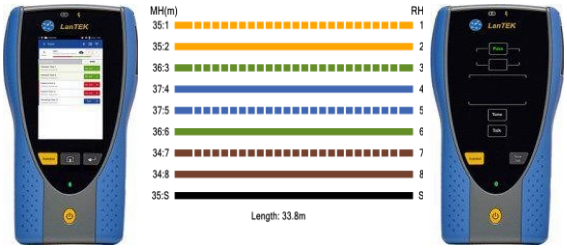
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

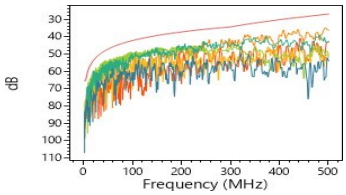
Test	Par	Límite	Resultado
Longitud	78	90 m	33.8 m ✓
Retardo	45	498 ns	172 ns ✓
Desviación	45	44 ns	15 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	6.22 Ω ℹ
DCRU			
Intrapar	36	0.20	0.28 Ω ℹ
P2P	12-36	0.21	0.09 Ω ℹ

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.1	42.25	36-45	Remoto
PSNEXT	5.4	54	36	Princ.
RL	5.4	60	78	Princ.
IL	2.2	2.8	36	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

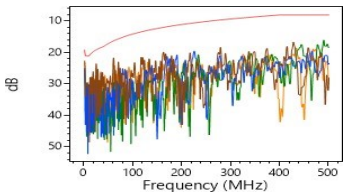


Unidad Principal

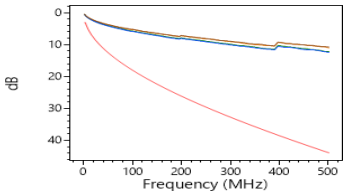


		Margen	Valor
NEXT	✓	5.70 dB	34.60 dB
Par		36-45	12-36
Límite		47.88 dB	26.88 dB
Frec.		42.25 MHz	492 MHz

		Margen	Valor
PSNEXT	✓	5.40 dB	33.60 dB
Par		36	36
Límite		43.69 dB	24 dB
Frec.		54 MHz	492 MHz

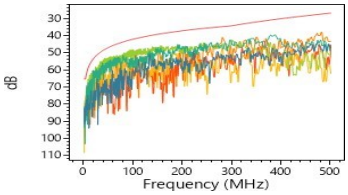


		Margen	Valor
RL	✓	5.40 dB	16 dB
Par		78	36
Límite		16.22 dB	8 dB
Frec.		60 MHz	489 MHz



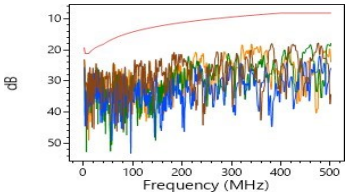
		Margen	Valor
IL	✓	2.20 dB	12.30 dB
Par		36	45
Límite		3 dB	43.65 dB
Frec.		2.80 MHz	498 MHz

Unidad Remoto

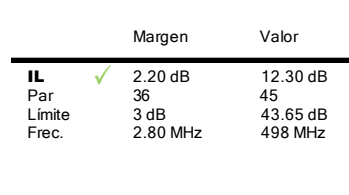


		Margen	Valor
NEXT	✓	5.10 dB	37.80 dB
Par		36-45	12-36
Límite		47.88 dB	27.21 dB
Frec.		42.25 MHz	481 MHz

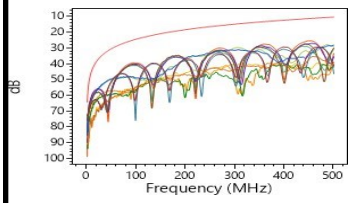
		Margen	Valor
PSNEXT	✓	5.70 dB	36.40 dB
Par		36	36
Límite		43.69 dB	24.37 dB
Frec.		54 MHz	480 MHz



		Margen	Valor
RL	✓	7.60 dB	17.60 dB
Par		36	78
Límite		18.60 dB	8 dB
Frec.		30.25 MHz	474 MHz

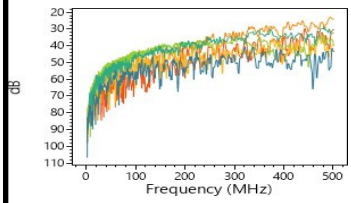


Unidad Principal



		Margen	Valor
ACR-F	✓	14 dB	25.20 dB
Par		12-45	12-45
Límite		11.18 dB	11.18 dB
Frec.		447 MHz	447 MHz

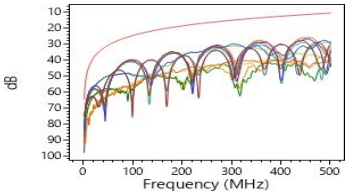
		Margen	Valor
PSACR-F	✓	9.10 dB	23.60 dB
Par		78	45
Límite		61.19 dB	8.05 dB
Frec.		1 MHz	454 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

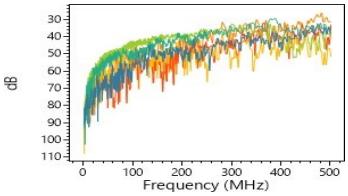
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	14.10 dB	25.60 dB
Par		12-45	12-45
Límite		13.26 dB	11.09 dB
Frec.		352 MHz	452 MHz

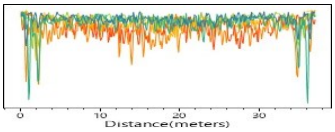
		Margen	Valor
PSACR-F	✓	9 dB	23.60 dB
Par		78	45
Límite		61.19 dB	7.88 dB
Frec.		1 MHz	463 MHz



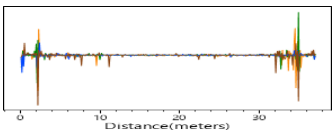
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 20
Fecha/hora: 3/2/2025 17:27
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

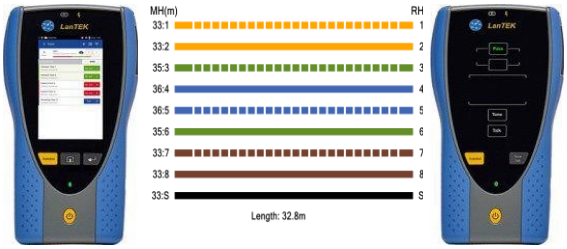
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

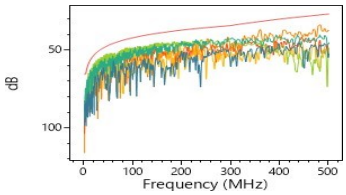
Test	Par	Límite	Resultado
Longitud	78	90 m	32.8 m ✓
Retardo	45	498 ns	166 ns ✓
Desviación	45	44 ns	14 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	6.03 Ω
DCRU			
Intrapar	36	0.20	0.24 Ω
P2P	12-36	0.20	0.08 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	4.7	43.5	36-45	Princ.
PSNEXT	5	12.1	36	Remoto
RL	3.8	32	78	Princ.
IL	2.2	2.8	45	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

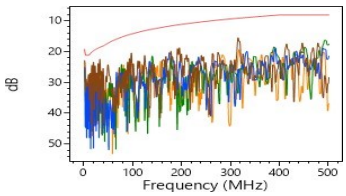


Unidad Principal

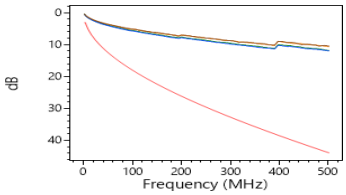


		Margen	Valor
NEXT	✓	4.70 dB	33.60 dB
Par		36-45	12-36
Límite		47.68 dB	27.21 dB
Frec.		43.50 MHz	481 MHz

		Margen	Valor
PSNEXT	✓	5 dB	32.70 dB
Par		36	36
Límite		36.56 dB	24.34 dB
Frec.		146.50 MHz	481 MHz

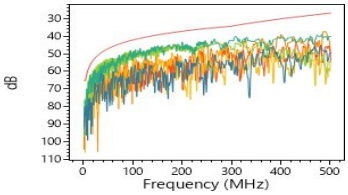


		Margen	Valor
RL	✓	3.80 dB	15.40 dB
Par		78	78
Límite		18.47 dB	9.03 dB
Frec.		32 MHz	314 MHz



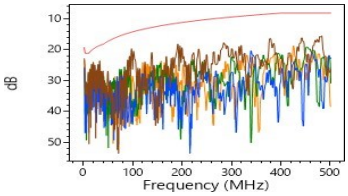
		Margen	Valor
IL	✓	2.20 dB	11.80 dB
Par		45	45
Límite		3 dB	43.60 dB
Frec.		2.80 MHz	497 MHz

Unidad Remoto



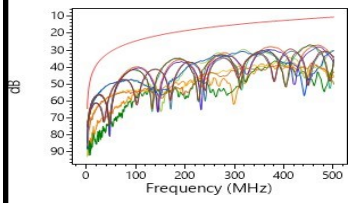
		Margen	Valor
NEXT	✓	5.30 dB	37 dB
Par		36-45	12-36
Límite		47.68 dB	27.09 dB
Frec.		43.50 MHz	485 MHz

		Margen	Valor
PSNEXT	✓	5 dB	35.20 dB
Par		36	36
Límite		54.17 dB	24.22 dB
Frec.		12.10 MHz	485 MHz



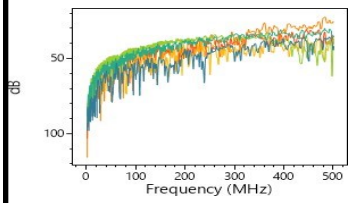
		Margen	Valor
RL	✓	4.90 dB	15.40 dB
Par		78	78
Límite		18.47 dB	8 dB
Frec.		32 MHz	481 MHz

Unidad Principal



		Margen	Valor
ACR-F	✓	14.80 dB	26.50 dB
Par		78-36	78-36
Límite		54.36 dB	11.13 dB
Frec.		3.10 MHz	450 MHz

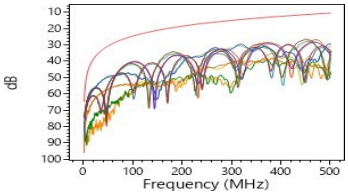
		Margen	Valor
PSACR-F	✓	9.60 dB	25.30 dB
Par		36	45
Límite		61.19 dB	7.77 dB
Frec.		1 MHz	469 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

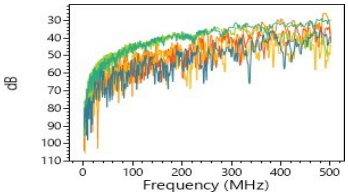
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	14.80 dB	26.10 dB
Par		78-36	78-36
Límite		54.36 dB	11.13 dB
Frec.		3.10 MHz	450 MHz

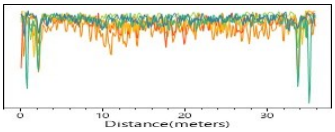
		Margen	Valor
PSACR-F	✓	9.10 dB	25.10 dB
Par		78	45
Límite		61.19 dB	7.73 dB
Frec.		1 MHz	471 MHz



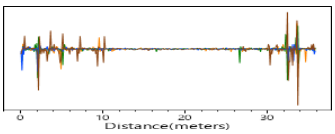
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T

ID de test: RACK R1 PPA DATOS 21
Fecha/hora: 3/2/2025 17:29
Nombre del proyecto: ALOJAMIENTO CADETES CACOM 7
Cliente: unidos t.l.comunicaciones
Operador: Unidos tl comunicaciones

Estándar test: ANSI/TIA-568.2-D-2018
Lím. test: Permanent Link/Cat6A
Marca/modelo del cable: Generic/Cat6-STP
Tipo/apantallado de cable: Cat6/S/UTP
NVP: 72 %
Conector princ.: Generic
Conector remoto: Generic

Modelo de probador: LanTEK IV 500

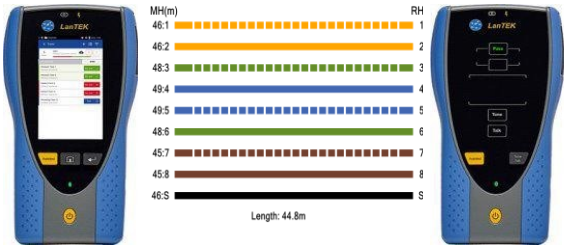
Unidad Principal	Unidad Remoto
N/S: 21070008	N/S: 21070009
S/W: 3.0.7	S/W: 3.0.7
Fecha de calibracion: 19/2/2024	Fecha de calibracion: 19/2/2024
Cat 6A PL : S/N 23240029	Cat 6A PL : S/N 22400006

Tests de baja frecuencia

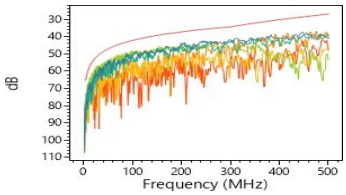
Test	Par	Límite	Resultado
Longitud	78	90 m	44.8 m ✓
Retardo	45	498 ns	226 ns ✓
Desviación	45	44 ns	19 ns ✓
Imp.	N/A	N/A	N/A
Res de bucle	36	21 ohms	7.75 Ω
DCRU			
Intrapar	36	0.23	0.28 Ω
P2P	12-36	0.26	0.10 Ω

Resumen de capac. de aum.

	Margen(dB)	MHz	Par	Extremo
NEXT	5.2	24.85	36-45	Princ.
PSNEXT	5.9	87	45	Princ.
RL	4.2	25.9	78	Princ.
IL	1.9	3.1	45	--
TCL	N/A	N/A	N/A	N/A
ELTCTL	N/A	N/A	N/A	N/A

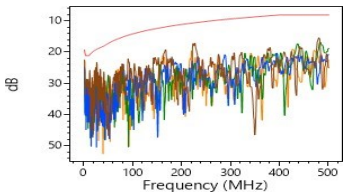


Unidad Principal

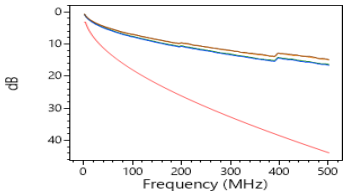


		Margen	Valor
NEXT	✓	5.20 dB	36.70 dB
Par		36-45	12-36
Límite		51.56 dB	27.42 dB
Frec.		24.85 MHz	474 MHz

		Margen	Valor
PSNEXT	✓	5.90 dB	34.50 dB
Par		45	36
Límite		40.30 dB	23.91 dB
Frec.		87 MHz	495 MHz

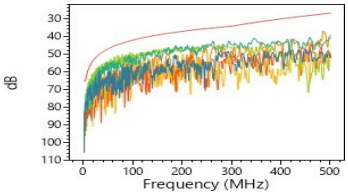


		Margen	Valor
RL	✓	4.20 dB	15.30 dB
Par		78	78
Límite		18.93 dB	8 dB
Frec.		25.90 MHz	479 MHz



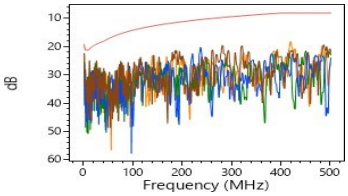
		Margen	Valor
IL	✓	1.90 dB	16.50 dB
Par		36	45
Límite		3 dB	43.70 dB
Frec.		2.80 MHz	499 MHz

Unidad Remoto

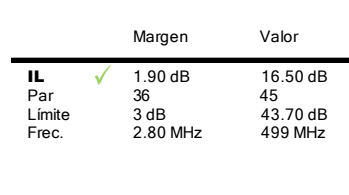


		Margen	Valor
NEXT	✓	6 dB	36.90 dB
Par		36-45	12-36
Límite		45.28 dB	27.12 dB
Frec.		61.25 MHz	484 MHz

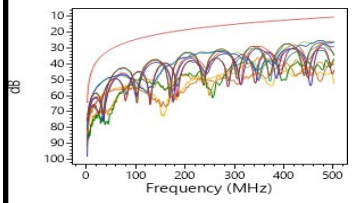
		Margen	Valor
PSNEXT	✓	6.40 dB	36 dB
Par		36	36
Límite		42 dB	24.22 dB
Frec.		68.50 MHz	485 MHz



		Margen	Valor
RL	✓	5.90 dB	18.10 dB
Par		78	12
Límite		18.95 dB	8 dB
Frec.		25.75 MHz	418 MHz

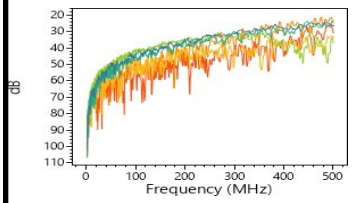


Unidad Principal



		Margen	Valor
ACR-F	✓	14.10 dB	24.90 dB
Par		78-36	45-36
Límite		54.79 dB	10.71 dB
Frec.		2.95 MHz	472 MHz

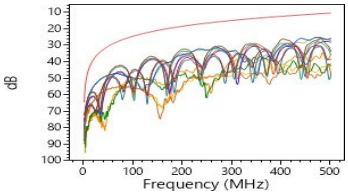
		Margen	Valor
PSACR-F	✓	8.50 dB	21.90 dB
Par		78	45
Límite		61.19 dB	7.62 dB
Frec.		1 MHz	477 MHz



		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

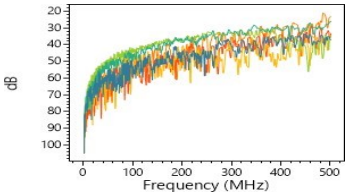
		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Unidad Remoto



		Margen	Valor
ACR-F	✓	13.80 dB	24.90 dB
Par		78-36	45-36
Límite		12.06 dB	10.77 dB
Frec.		404 MHz	469 MHz

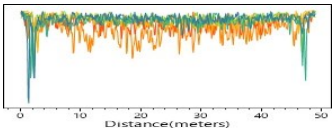
		Margen	Valor
PSACR-F	✓	8.30 dB	21.70 dB
Par		78	45
Límite		61.19 dB	7.60 dB
Frec.		1 MHz	478 MHz



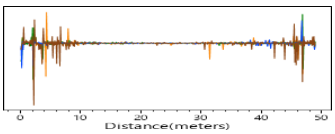
		Margen	Valor
ACR-N	ℹ	N/A	N/A
Par		12-36	12-36
Límite		N/A	N/A
Frec.		N/A	N/A

		Margen	Valor
PSACR-N	ℹ	N/A	N/A
Par		12	12
Límite		N/A	N/A
Frec.		N/A	N/A

Localizador NEXT PRINCIPAL



Localizador RL PRINCIPAL



Aplicaciones compatibles:
Ethernet 10BASE-T,ADSL,VDSL,Analog Phone,ATM 25.6,ATM 51.84,ISDN BRI,ISDN PRI,Ethernet 100BASE-TX,Ethernet 1000BASE-T,Ethernet 1000BASE-TX,PoE IEEE 802.3af/at/bt,HDBaseT 1080P,VOIP,ATM 155.52,NBASE-T 2.5G,NBASE-T 5G,HDBaseT 2k,HDBaseT 4k,ATM 1.2G,Ethernet 10GBASE-T