Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P11_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:15 p. m.
Versión: 1.3.2

Sumario:

Todos los cables	Par trenzado	Coax/Twinax	Fibra
Total: 2	Total: 2	Total: 0	Total: 0
Pasa: 2	Pasa: 2	Pasa: 0	Pasa: 0
Falla: 0	Falla: 0	Falla: 0	Falla: 0
Longitúd total: 145,9m	Longitúd total: 145,9m	Longitúd total: 0m	Longitúd total: 0m

Pasa

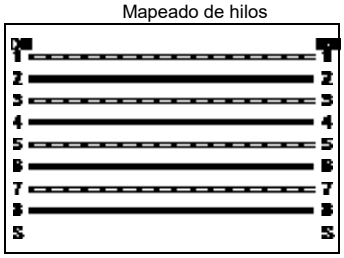
Nombrede la medida: D01-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

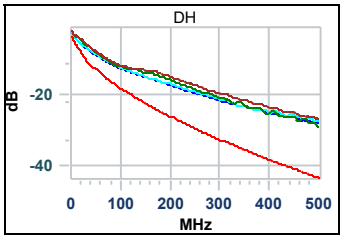
Fecha de la medida: 20/5/2021
Hora de la medida: 09:57:40
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen		Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✓	N/D		N/D	N/D	N/D					
Longitúd	✓	72,9 m.		5,4	90,0 m.	17,1 m.					
Resistencia DC	✓	11,0 ohms		3,6	20,0 ohms	9,0 ohms					
Retarde de propagación	✓	360,4 ns		3,6	498,0 ns	137,6 ns					
Desviación de retardo	✓	23,0 ns		3,6	44,0 ns	21,0 ns					
Atenuación	✓	2,3 dB @ 3,1MHz	DH	1,2	< 3,1 dB	0,8 dB	DH	3,6	29,3 dB @ 500,0MHz	< 43,8 dB	14,5 dB
Pérdida de retorno	✓	12,0 dB @ 328,0MHz	DH	7,8	> 8,8 dB	3,2 dB	DH	7,8	12,0 dB @ 328,0MHz	> 8,8 dB	3,2 dB
NEXT	✓	33,7 dB @ 416,0MHz	RH	3,6-5,4	> 29,3 dB	4,4 dB	DH	7,8-3,6	31,2 dB @ 500,0MHz	> 26,7 dB	4,5 dB
ACR-N	✓	52,1 dB @ 24,1MHz	RH	3,6-5,4	>= 43,2 dB	8,9 dB	DH	7,8-3,6	1,9 dB @ 500,0MHz	>= -17,1 dB	19,0 dB
ACR-F	✓	66,3 dB @ 5,5MHz	DH	5,4-7,8	> 49,4 dB	16,9 dB	DH	3,6-5,4	28,8 dB @ 444,0MHz	> 11,2 dB	17,6 dB
Encabezado	N/D	48,7 dB		N/D	N/D	N/D					
PS NEXT	✓	29,4 dB @ 467,0MHz	DH	3,6	> 24,8 dB	4,6 dB	RH	3,6	28,5 dB @ 500,0MHz	> 23,8 dB	4,7 dB
PS ACR-N	✓	55,8 dB @ 15,3MHz	RH	5,4	> 45,8 dB	10,0 dB	RH	3,6	-0,8 dB @ 500,0MHz	> -20,0 dB	19,2 dB
PS ACR-F	✓	63,9 dB @ 5,8MHz	RH	5,4	> 45,9 dB	18,0 dB	RH	5,4	28,0 dB @ 444,0MHz	> 8,2 dB	19,8 dB

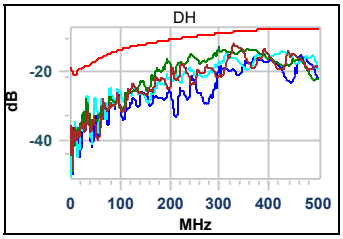
Mapeado de hilos

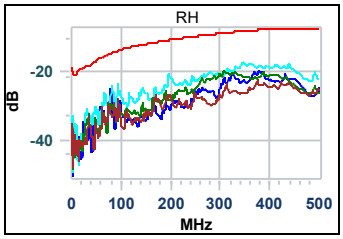


Atenuación



Pérdida de retorno





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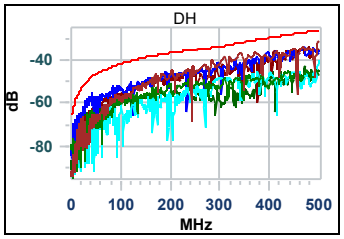
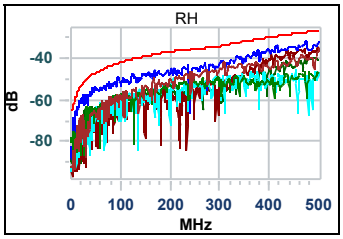
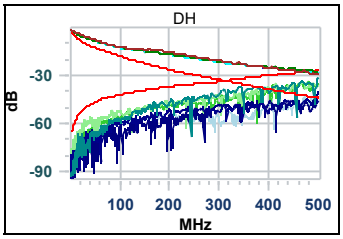
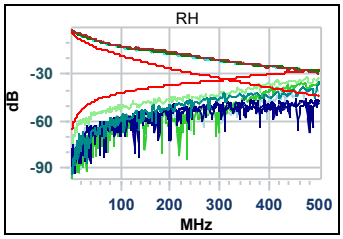


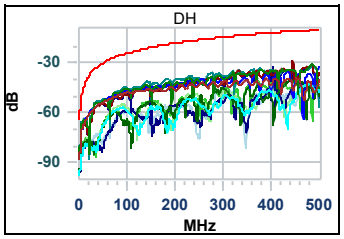


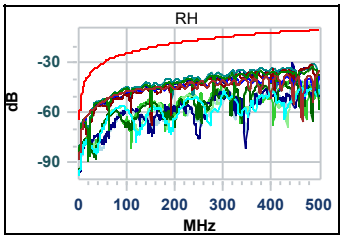
ACR-N



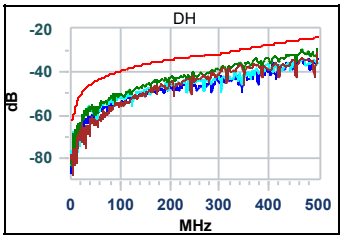


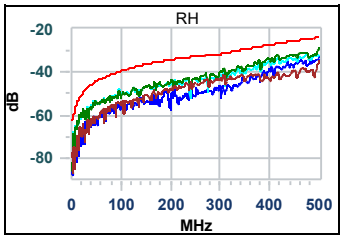
ACR-F



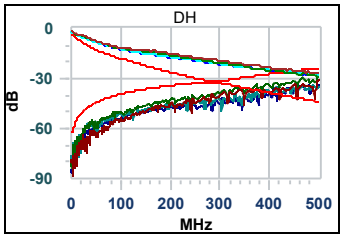


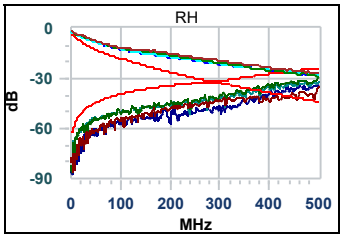
PS NEXT



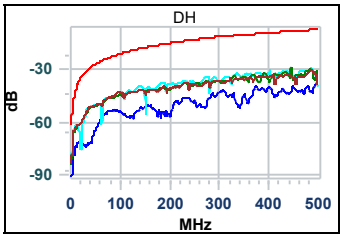


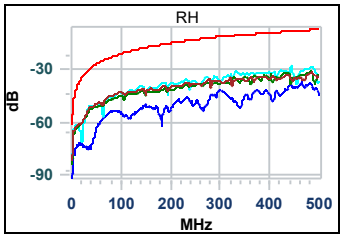
PS ACR-N





PS ACR-F





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Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:15 p. m.
Versión: 1.3.2

Pasa

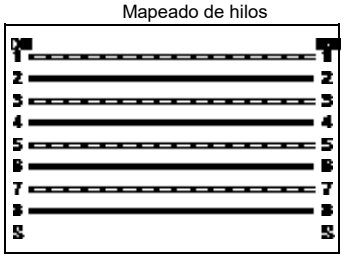
Nombrede la medida: D02-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

NVP: 72
Estándar: TIA 568-C.2
Rango de frequencia: 1 - 500MHz
Firmware 2.052

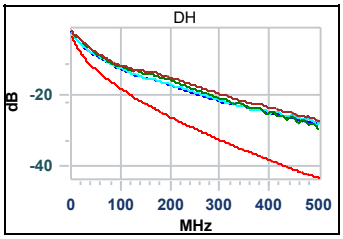
Fecha de la medida: 20/5/2021
Hora de la medida: 09:59:09
Operador: TEISA
Contratista: 01
Compañía: TEISA

		Valor del peor escenario		Pares	Límite	Margen		Pares	Peor valor absoluto	Límite	Margen
Mapeado de hilos	✔	N/D		N/D	N/D	N/D					
Longitúd	✔	73,0 m.		5,4	90,0 m.	17,0 m.					
Resistencia DC	✔	11,2 ohms		3,6	20,0 ohms	8,8 ohms					
Retarde de propagación	✔	361,1 ns		3,6	498,0 ns	136,9 ns					
Desviación de retardo	✔	23,2 ns		3,6	44,0 ns	20,8 ns					
Atenuación	✔	2,3 dB @ 3,1MHz	DH	5,4	< 3,1 dB	0,8 dB	DH	3,6	29,5 dB @ 500,0MHz	< 43,8 dB	14,3 dB
Pérdida de retorno	✔	12,1 dB @ 295,0MHz	DH	3,6	> 9,3 dB	2,8 dB	DH	5,4	11,1 dB @ 425,0MHz	> 8,0 dB	3,1 dB
NEXT	✔	29,9 dB @ 500,0MHz	RH	3,6-5,4	> 26,7 dB	3,2 dB	RH	3,6-5,4	29,9 dB @ 500,0MHz	> 26,7 dB	3,2 dB
ACR-N	✔	55,2 dB @ 21,3MHz	RH	3,6-5,4	>= 44,5 dB	10,7 dB	RH	3,6-5,4	0,4 dB @ 500,0MHz	>= -17,1 dB	17,5 dB
ACR-F	✔	65,8 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	15,7 dB	RH	5,4-7,8	29,4 dB @ 486,0MHz	> 10,5 dB	18,9 dB
Encabezado	N/D	32,5 dB		N/D	N/D	N/D					
PS NEXT	✔	27,8 dB @ 500,0MHz	RH	3,6	> 23,8 dB	4,0 dB	RH	3,6	27,8 dB @ 500,0MHz	> 23,8 dB	4,0 dB
PS ACR-N	✔	57,3 dB @ 15,3MHz	RH	5,4	> 45,8 dB	11,5 dB	RH	3,6	-1,7 dB @ 500,0MHz	> -20,0 dB	18,3 dB
PS ACR-F	✔	64,1 dB @ 5,2MHz	RH	5,4	> 46,9 dB	17,2 dB	RH	5,4	27,8 dB @ 486,0MHz	> 7,5 dB	20,3 dB

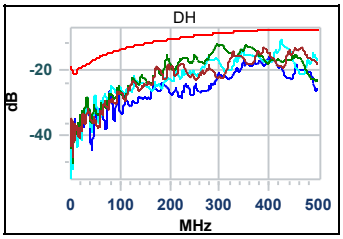
Mapeado de hilos

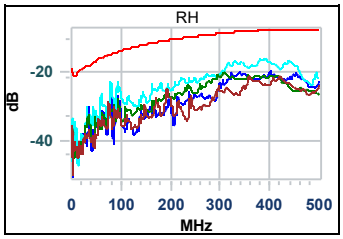


Atenuación



Pérdida de retorno





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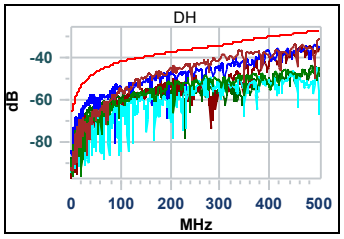

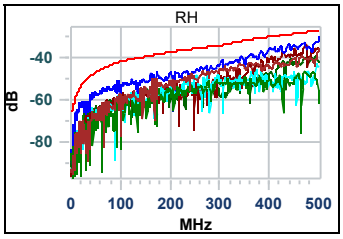

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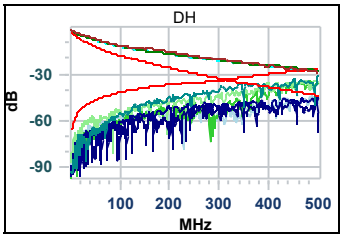
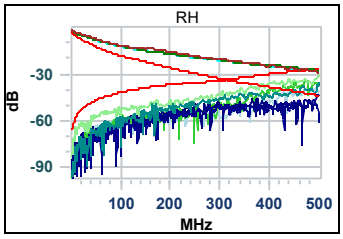
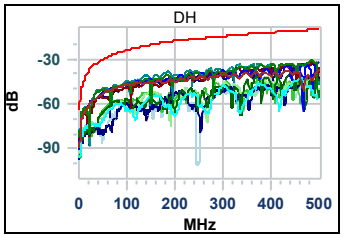
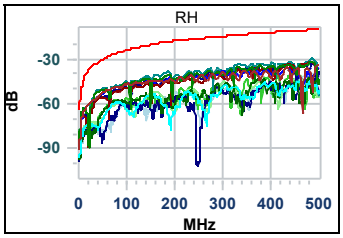


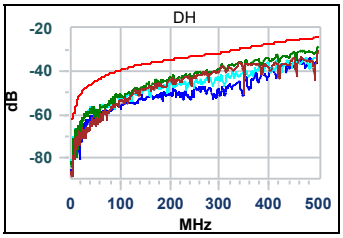


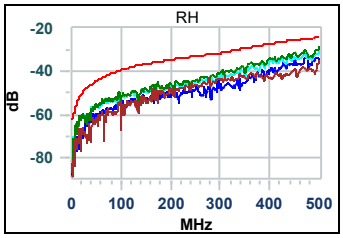
ACR-F



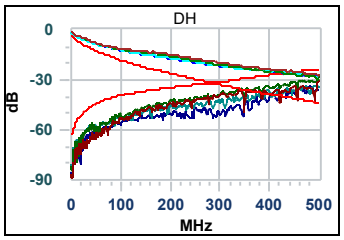


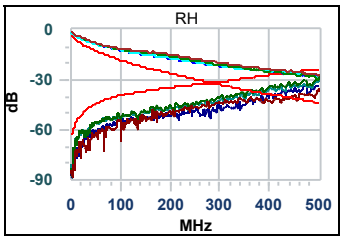
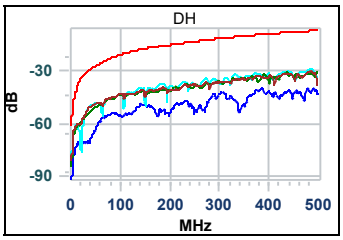
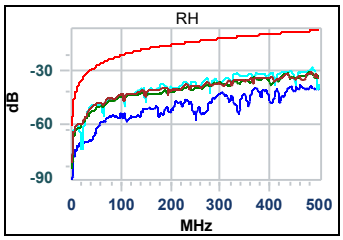
PS NEXT





PS ACR-N





PS ACR-F