Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P9_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:26 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: 115,8m	Longitúd total: 115,8m	Longitúd total: 0m	Longitúd total: 0m

Pasa

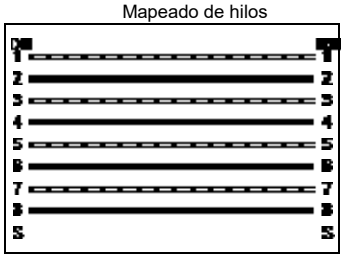
Nombrede la medida: D01-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

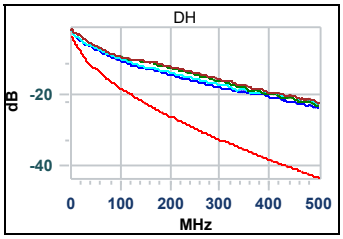
Fecha de la medida: 20/5/2021
Hora de la medida: 10:45:27
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✓	59,5 m.		5,4	90,0 m.	30,5 m.					
Resistencia DC	✓	9,1 ohms		3,6	20,0 ohms	10,9 ohms					
Retarde de propagación	✓	297,5 ns		3,6	498,0 ns	200,5 ns					
Desviación de retardo	✓	22,1 ns		3,6	44,0 ns	21,9 ns					
Atenuación	✓	2,0 dB @ 3,0MHz	DH	1,2	< 3,1 dB	1,1 dB	DH	1,2	23,5 dB @ 499,0MHz	< 43,7 dB	20,2 dB
Pérdida de retorno	✓	11,1 dB @ 366,0MHz	DH	3,6	> 8,4 dB	2,7 dB	DH	3,6	11,1 dB @ 366,0MHz	> 8,4 dB	2,7 dB
NEXT	✓	29,7 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	3,0 dB	DH	7,8-3,6	29,7 dB @ 500,0MHz	> 26,7 dB	3,0 dB
ACR-N	✓	52,0 dB @ 33,3MHz	DH	3,6-5,4	>= 39,4 dB	12,6 dB	DH	7,8-3,6	6,6 dB @ 500,0MHz	>= -17,1 dB	23,7 dB
ACR-F	✓	65,7 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	15,6 dB	RH	5,4-7,8	28,1 dB @ 494,0MHz	> 10,3 dB	17,8 dB
Encabezado	N/D	49,4 dB		N/D	N/D	N/D					
PS NEXT	✓	27,7 dB @ 497,0MHz	DH	3,6	> 23,9 dB	3,8 dB	DH	3,6	27,7 dB @ 500,0MHz	> 23,8 dB	3,9 dB
PS ACR-N	✓	55,4 dB @ 22,6MHz	DH	5,4	> 41,5 dB	13,9 dB	DH	3,6	4,5 dB @ 498,0MHz	> -19,8 dB	24,3 dB
PS ACR-F	✓	63,9 dB @ 5,2MHz	DH	5,4	> 46,9 dB	17,0 dB	RH	5,4	26,5 dB @ 489,0MHz	> 7,4 dB	19,1 dB

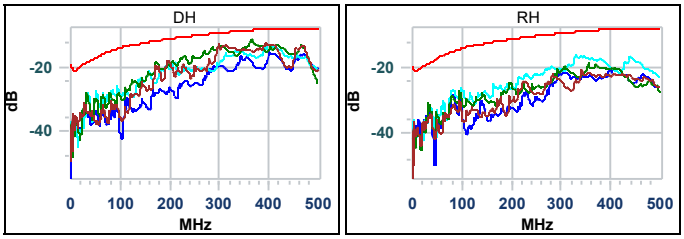
Mapeado de hilos



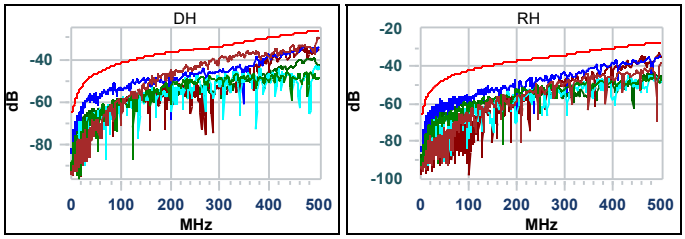
Atenuación



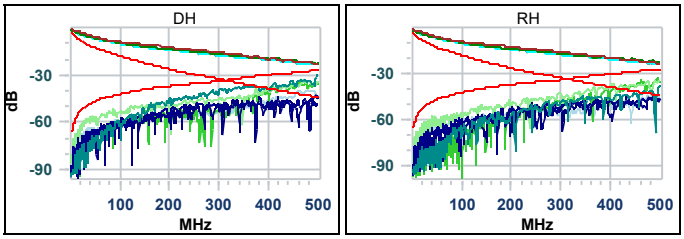
Pérdida de retorno



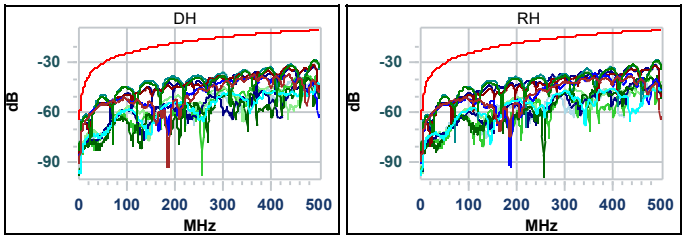
NEXT



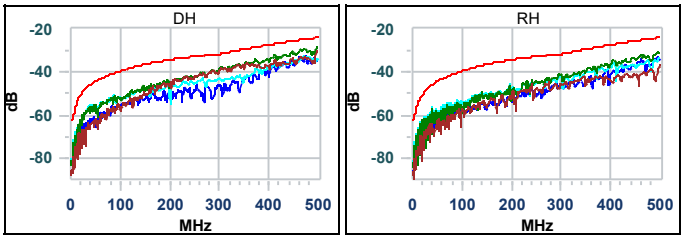
ACR-N



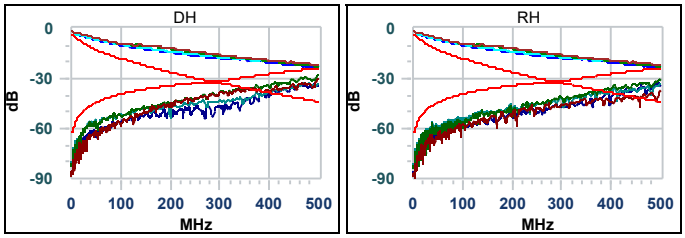
ACR-F



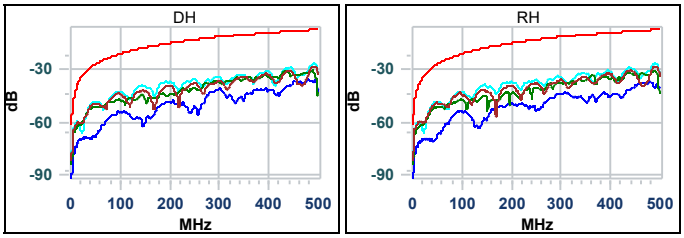
PS NEXT



PS ACR-N



PS ACR-F



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Nombre del trabajo: CSJ_P9_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:26 p. m.
Versión: 1.3.2

Pasa

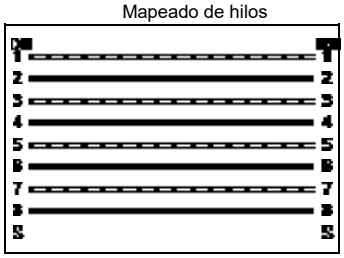
Nombrede la medida: D2-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

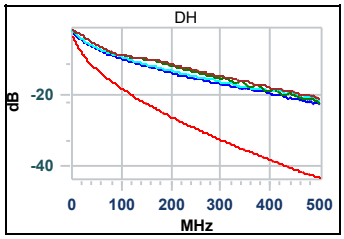
Fecha de la medida: 20/5/2021
Hora de la medida: 10:57:00
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✔	56,3 m.		5,4	90,0 m.	33,7 m.					
Resistencia DC	✔	8,6 ohms		3,6	20,0 ohms	11,4 ohms					
Retarde de propagación	✔	281,8 ns		3,6	498,0 ns	216,2 ns					
Desviación de retardo	✔	21,2 ns		3,6	44,0 ns	22,8 ns					
Atenuación	✔	1,9 dB @ 3,0MHz	DH	1,2	< 3,1 dB	1,2 dB	DH	1,2	22,4 dB @ 499,0MHz	< 43,7 dB	21,3 dB
Pérdida de retorno	✔	10,5 dB @ 392,0MHz	DH	5,4	> 8,1 dB	2,4 dB	DH	5,4	10,5 dB @ 392,0MHz	> 8,1 dB	2,4 dB
NEXT	✔	28,5 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	1,8 dB	DH	7,8-3,6	28,5 dB @ 500,0MHz	> 26,7 dB	1,8 dB
ACR-N	✔	49,9 dB @ 35,3MHz	DH	3,6-5,4	>= 38,7 dB	11,2 dB	DH	7,8-3,6	6,7 dB @ 500,0MHz	>= -17,1 dB	23,8 dB
ACR-F	✔	66,6 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	16,5 dB	DH	3,6-5,4	30,6 dB @ 480,0MHz	> 10,6 dB	20,0 dB
Encabezado	N/D	46,6 dB		N/D	N/D	N/D					
PS NEXT	✔	26,3 dB @ 500,0MHz	DH	3,6	> 23,8 dB	2,5 dB	DH	3,6	26,3 dB @ 500,0MHz	> 23,8 dB	2,5 dB
PS ACR-N	✔	50,4 dB @ 31,5MHz	DH	5,4	> 37,6 dB	12,8 dB	DH	3,6	4,5 dB @ 500,0MHz	> -20,0 dB	24,5 dB
PS ACR-F	✔	64,3 dB @ 5,2MHz	RH	5,4	> 46,9 dB	17,4 dB	RH	5,4	28,4 dB @ 464,0MHz	> 7,9 dB	20,5 dB

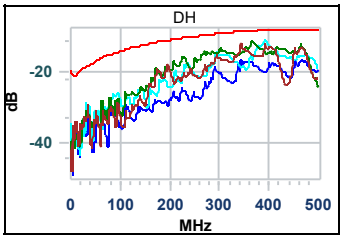
Mapeado de hilos

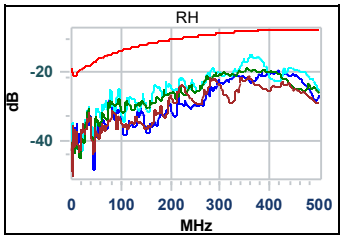


Atenuación



Pérdida de retorno





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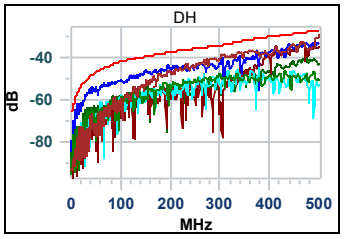
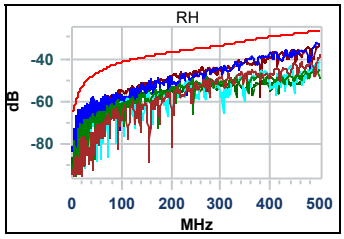
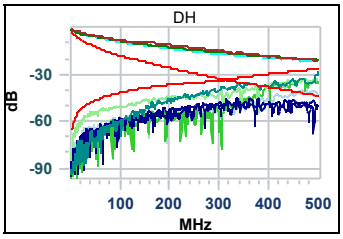
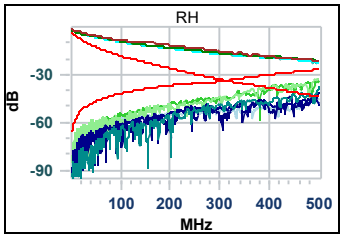


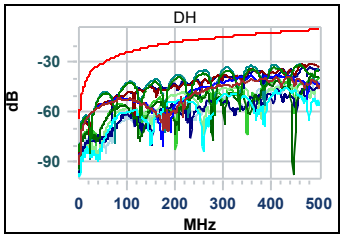


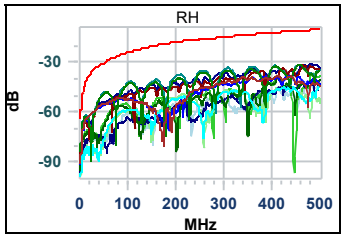
ACR-N



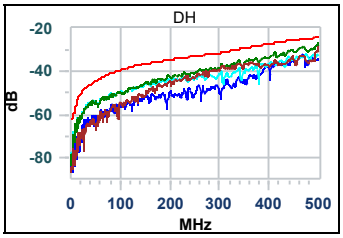


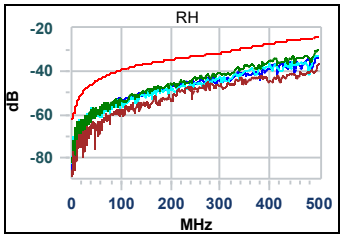
ACR-F



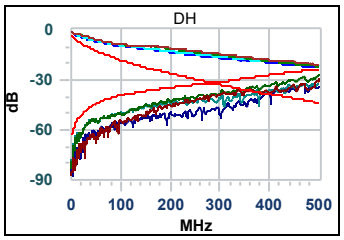


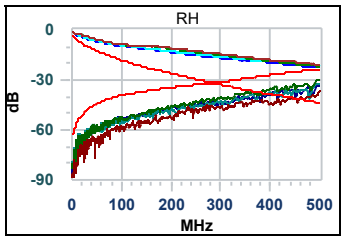
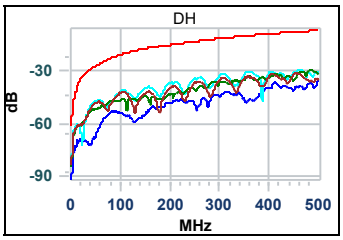
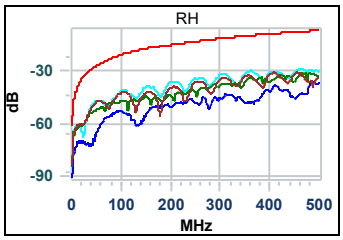
PS NEXT





PS ACR-N





PS ACR-F