Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P1_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 10:47 a. 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: 91,4m	Longitúd total: 91,4m	Longitúd total: 0m	Longitúd total: 0m

Pasa

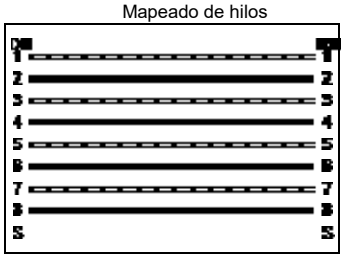
Nombrede la medida: D153-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

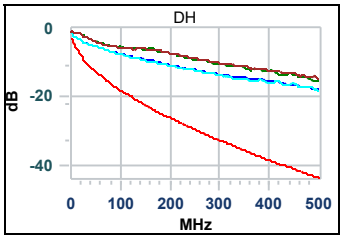
Fecha de la medida: 20/5/2021
Hora de la medida: 14:20:06
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✓	44,3 m.		3,6	90,0 m.	45,7 m.					
Resistencia DC	✓	6,9 ohms		1,2	20,0 ohms	13,1 ohms					
Retarde de propagación	✓	217,2 ns		1,2	498,0 ns	280,8 ns					
Desviación de retardo	✓	12,1 ns		1,2	44,0 ns	31,9 ns					
Atenuación	✓	1,6 dB @ 3,1MHz	DH	5,4	< 3,1 dB	1,5 dB	DH	5,4	18,0 dB @ 497,0MHz	< 43,6 dB	25,6 dB
Pérdida de retorno	✓	12,7 dB @ 300,0MHz	DH	3,6	> 9,2 dB	3,5 dB	DH	3,6	11,9 dB @ 365,0MHz	> 8,4 dB	3,5 dB
NEXT	✓	36,1 dB @ 303,0MHz	DH	7,8-3,6	> 33,9 dB	2,2 dB	DH	7,8-3,6	29,2 dB @ 500,0MHz	> 26,7 dB	2,5 dB
ACR-N	✓	46,5 dB @ 62,8MHz	RH	3,6-5,4	>= 31,0 dB	15,5 dB	RH	3,6-5,4	12,0 dB @ 497,0MHz	>= -16,9 dB	28,9 dB
ACR-F	✓	66,2 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	16,1 dB	RH	5,4-3,6	28,0 dB @ 498,0MHz	> 10,2 dB	17,8 dB
Encabezado	N/D	34,4 dB		N/D	N/D	N/D					
PS NEXT	✓	26,8 dB @ 500,0MHz	DH	3,6	> 23,8 dB	3,0 dB	DH	3,6	26,8 dB @ 500,0MHz	> 23,8 dB	3,0 dB
PS ACR-N	✓	49,2 dB @ 41,3MHz	RH	5,4	> 34,3 dB	14,9 dB	RH	5,4	11,6 dB @ 497,0MHz	> -19,7 dB	31,3 dB
PS ACR-F	✓	63,5 dB @ 5,4MHz	RH	5,4	> 46,6 dB	16,9 dB	RH	5,4	25,6 dB @ 499,0MHz	> 7,2 dB	18,4 dB

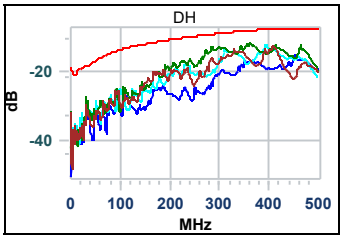
Mapeado de hilos

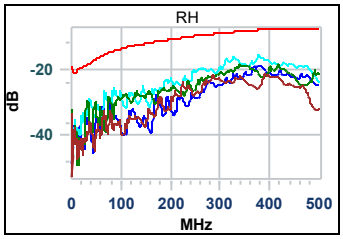


Atenuación



Pérdida de retorno





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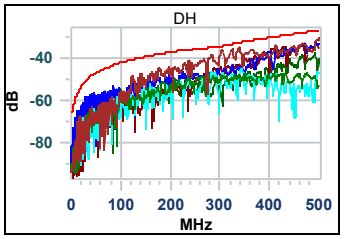
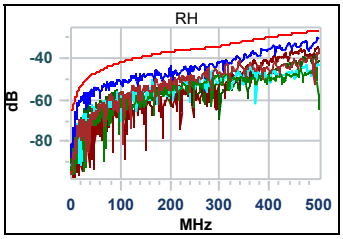
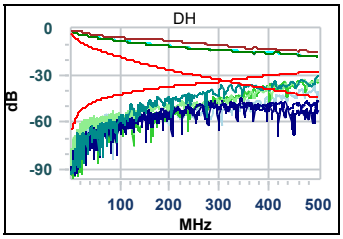
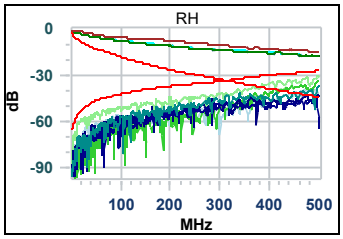


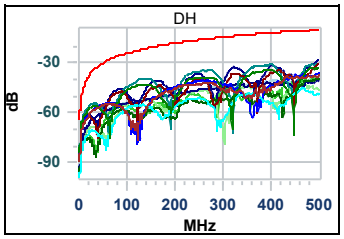


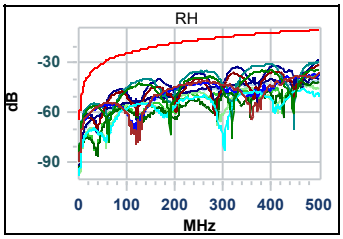
ACR-N





ACR-F





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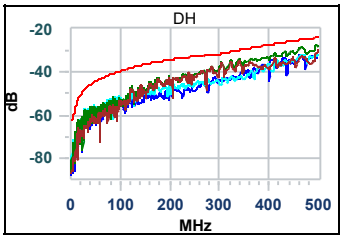

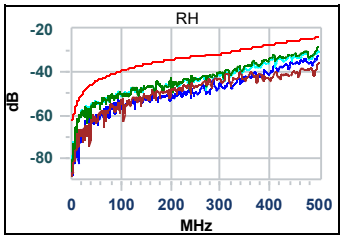

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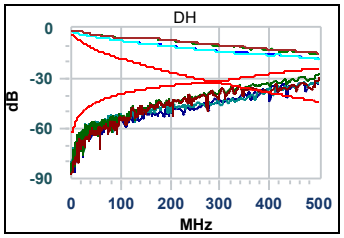

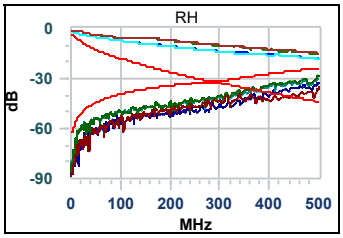

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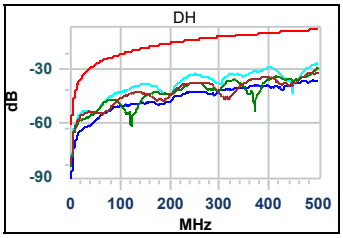

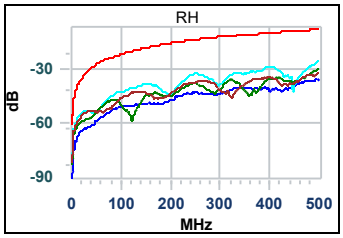

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Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 10:47 a. m.
Versión: 1.3.2

Pasa

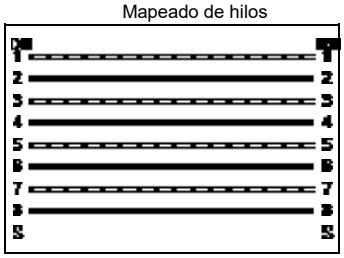
Nombrede la medida: D154-
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

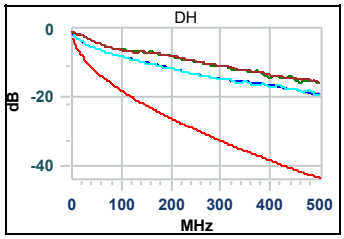
Fecha de la medida: 20/5/2021
Hora de la medida: 14:21:13
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✔	47,1 m.		3,6	90,0 m.	42,9 m.					
Resistencia DC	✔	7,3 ohms		1,2	20,0 ohms	12,7 ohms					
Retarde de propagación	✔	231,5 ns		1,2	498,0 ns	266,5 ns					
Desviación de retardo	✔	13,6 ns		1,2	44,0 ns	30,4 ns					
Atenuación	✔	1,7 dB @ 3,1MHz	DH	5,4	< 3,1 dB	1,4 dB	DH	5,4	19,4 dB @ 495,0MHz	< 43,5 dB	24,1 dB
Pérdida de retorno	✔	11,0 dB @ 300,0MHz	DH	3,6	> 9,2 dB	1,8 dB	DH	3,6	11,0 dB @ 300,0MHz	> 9,2 dB	1,8 dB
NEXT	✔	28,8 dB @ 500,0MHz	RH	3,6-5,4	> 26,7 dB	2,1 dB	RH	3,6-5,4	28,8 dB @ 500,0MHz	> 26,7 dB	2,1 dB
ACR-N	✔	58,7 dB @ 30,9MHz	RH	5,4-1,2	>= 40,3 dB	18,4 dB	RH	3,6-5,4	9,8 dB @ 500,0MHz	>= -17,1 dB	26,9 dB
ACR-F	✔	66,5 dB @ 5,2MHz	DH	5,4-7,8	> 49,9 dB	16,6 dB	RH	5,4-7,8	29,3 dB @ 462,0MHz	> 10,9 dB	18,4 dB
Encabezado	N/D	43,2 dB		N/D	N/D	N/D					
PS NEXT	✔	27,0 dB @ 497,0MHz	DH	3,6	> 23,9 dB	3,1 dB	DH	3,6	27,0 dB @ 500,0MHz	> 23,8 dB	3,2 dB
PS ACR-N	✔	54,7 dB @ 28,9MHz	DH	5,4	> 38,7 dB	16,0 dB	RH	5,4	9,5 dB @ 500,0MHz	> -20,0 dB	29,5 dB
PS ACR-F	✔	65,0 dB @ 5,2MHz	DH	5,4	> 46,9 dB	18,1 dB	RH	5,4	26,8 dB @ 460,0MHz	> 7,9 dB	18,9 dB

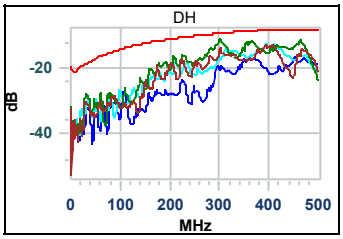
Mapeado de hilos

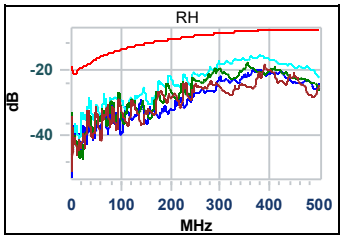


Atenuación



Pérdida de retorno





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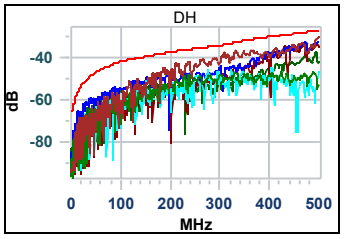
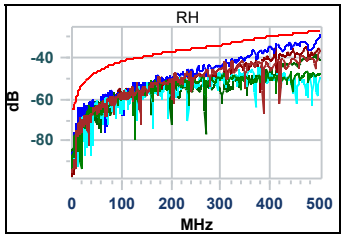
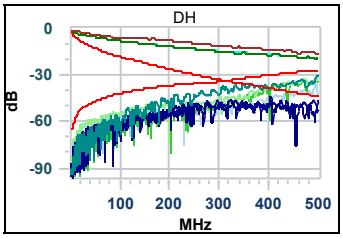
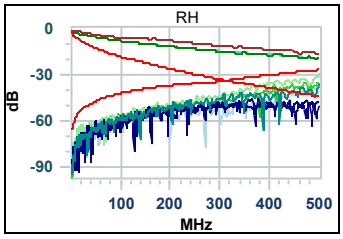


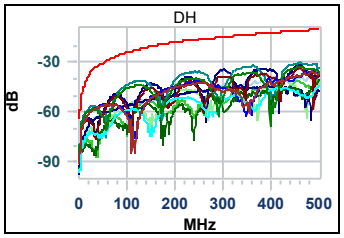


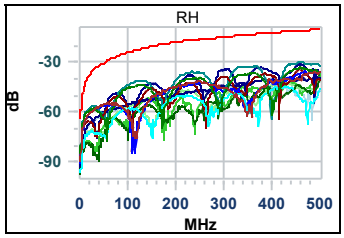
ACR-N





ACR-F





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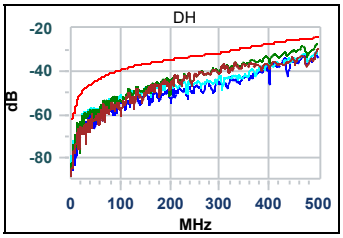
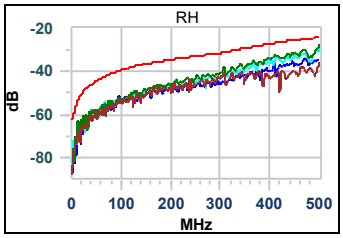
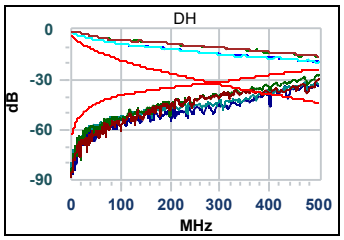
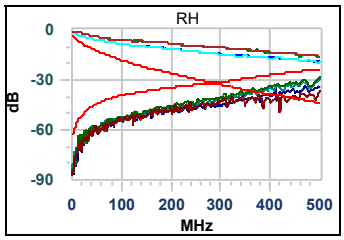
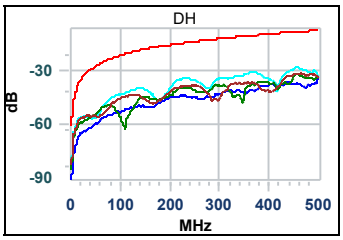
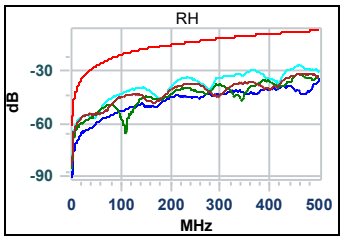




PS ACR-N





PS ACR-F