Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P3_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:18 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: 60,6m	Longitúd total: 60,6m	Longitúd total: 0m	Longitúd total: 0m

Pasa

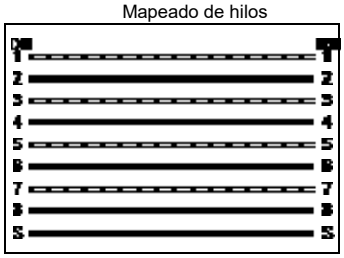
Nombrede la medida: D01-
Límite a medida: Cat 6A STP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

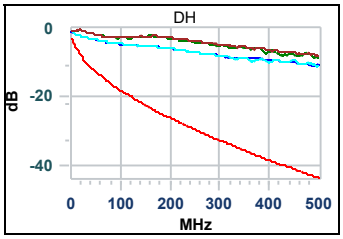
Fecha de la medida: 20/5/2021
Hora de la medida: 14:05:56
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✓	25,9 m.		3,6	90,0 m.	64,1 m.					
Resistencia DC	✓	4,4 ohms		1,2	20,0 ohms	15,6 ohms					
Retarde de propagación	✓	128,5 ns		5,4	498,0 ns	369,5 ns					
Desviación de retardo	✓	8,4 ns		5,4	44,0 ns	35,6 ns					
Atenuación	✓	1,0 dB @ 3,0MHz	DH	5,4	< 3,1 dB	2,1 dB	DH	5,4	11,1 dB @ 497,0MHz	< 43,6 dB	32,5 dB
Pérdida de retorno	✓	12,1 dB @ 353,0MHz	DH	3,6	> 8,5 dB	3,6 dB	DH	3,6	11,9 dB @ 463,0MHz	> 8,0 dB	3,9 dB
NEXT	✓	28,6 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	1,9 dB	DH	7,8-3,6	28,6 dB @ 500,0MHz	> 26,7 dB	1,9 dB
ACR-N	✓	50,3 dB @ 104,0MHz	DH	5,4-1,2	>= 23,3 dB	27,0 dB	DH	7,8-3,6	20,4 dB @ 500,0MHz	>= -17,1 dB	37,5 dB
ACR-F	✓	66,0 dB @ 5,2MHz	DH	5,4-7,8	> 49,9 dB	16,1 dB	DH	5,4-3,6	28,7 dB @ 497,0MHz	> 10,3 dB	18,4 dB
Encabezado	N/D	15,6 dB		N/D	N/D	N/D					
PS NEXT	✓	26,5 dB @ 500,0MHz	DH	3,6	> 23,8 dB	2,7 dB	DH	3,6	26,5 dB @ 500,0MHz	> 23,8 dB	2,7 dB
PS ACR-N	✓	43,1 dB @ 99,8MHz	RH	5,4	> 21,4 dB	21,7 dB	DH	3,6	18,3 dB @ 500,0MHz	> -20,0 dB	38,3 dB
PS ACR-F	✓	64,3 dB @ 5,1MHz	RH	5,4	> 47,1 dB	17,2 dB	DH	5,4	27,9 dB @ 400,0MHz	> 9,1 dB	18,8 dB

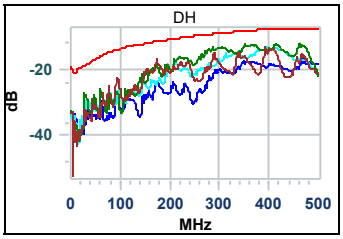
Mapeado de hilos

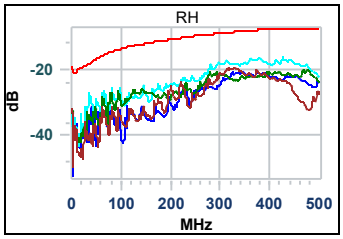


Atenuación

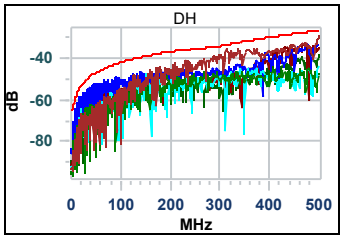


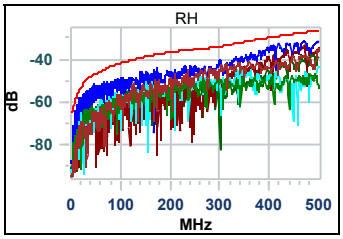
Pérdida de retorno



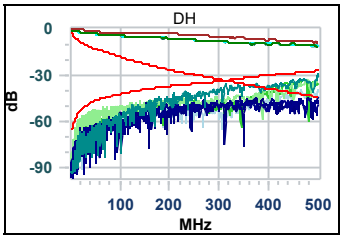


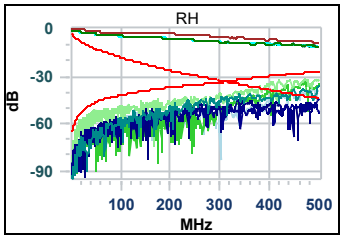
NEXT



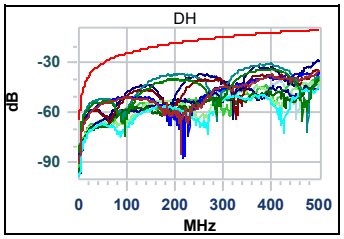


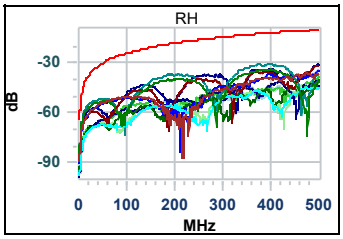
ACR-N



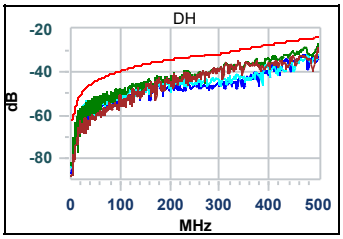


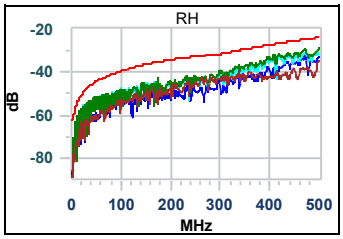
ACR-F



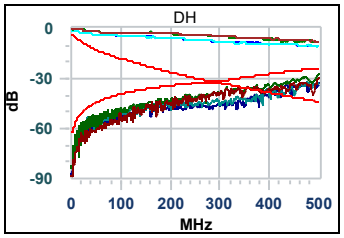


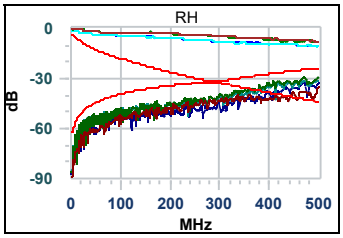
PS NEXT





PS ACR-N





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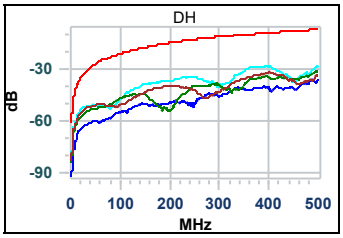

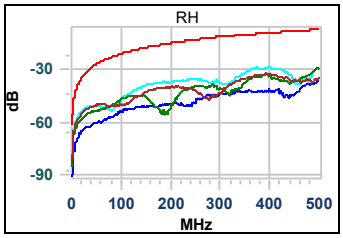

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Nombre del trabajo: CSJ_P3_N.job
Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:18 p. m.
Versión: 1.3.2

Pasa

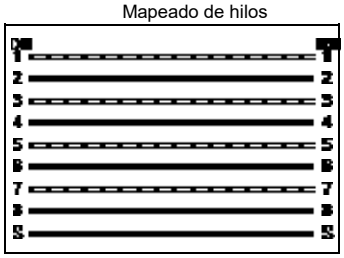
Nombrede la medida: D02-
Límite a medida: Cat 6A STP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

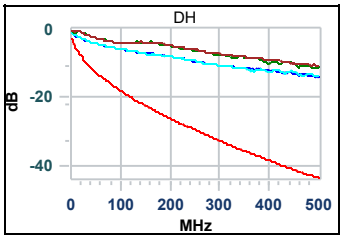
Fecha de la medida: 20/5/2021
Hora de la medida: 14:07:24
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✔	34,7 m.		3,6	90,0 m.	55,3 m.					
Resistencia DC	✔	5,6 ohms		1,2	20,0 ohms	14,4 ohms					
Retarde de propagación	✔	171,5 ns		1,2	498,0 ns	326,5 ns					
Desviación de retardo	✔	10,9 ns		1,2	44,0 ns	33,1 ns					
Atenuación	✔	1,3 dB @ 3,1MHz	DH	5,4	< 3,1 dB	1,8 dB	DH	1,2	14,0 dB @ 499,0MHz	< 43,7 dB	29,7 dB
Pérdida de retorno	✔	10,7 dB @ 390,0MHz	DH	7,8	> 8,1 dB	2,6 dB	DH	7,8	10,7 dB @ 450,0MHz	> 8,0 dB	2,7 dB
NEXT	✔	28,3 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	1,6 dB	DH	7,8-3,6	28,3 dB @ 500,0MHz	> 26,7 dB	1,6 dB
ACR-N	✔	55,1 dB @ 55,8MHz	DH	5,4-1,2	>= 32,7 dB	22,4 dB	RH	3,6-5,4	16,3 dB @ 500,0MHz	>= -17,1 dB	33,4 dB
ACR-F	✔	65,1 dB @ 5,1MHz	DH	5,4-7,8	> 50,1 dB	15,0 dB	RH	5,4-7,8	28,2 dB @ 457,0MHz	> 11,0 dB	17,2 dB
Encabezado	N/D	33,1 dB		N/D	N/D	N/D					
PS NEXT	✔	26,0 dB @ 500,0MHz	DH	3,6	> 23,8 dB	2,2 dB	DH	3,6	26,0 dB @ 500,0MHz	> 23,8 dB	2,2 dB
PS ACR-N	✔	48,0 dB @ 50,0MHz	DH	5,4	> 31,7 dB	16,3 dB	DH	3,6	15,0 dB @ 500,0MHz	> -20,0 dB	35,0 dB
PS ACR-F	✔	63,5 dB @ 5,1MHz	RH	5,4	> 47,1 dB	16,4 dB	RH	5,4	27,4 dB @ 403,0MHz	> 9,1 dB	18,3 dB

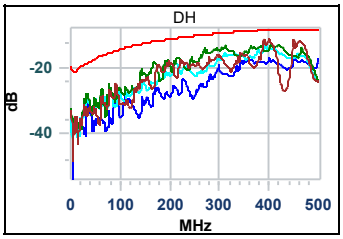
Mapeado de hilos

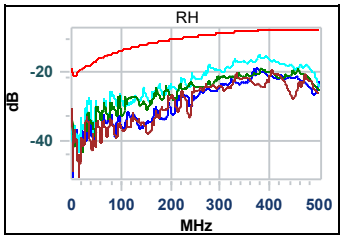


Atenuación



Pérdida de retorno





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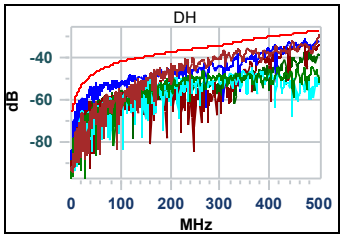
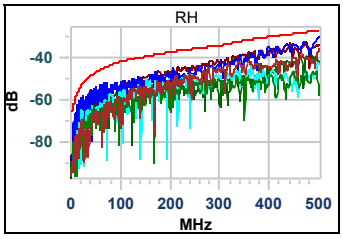
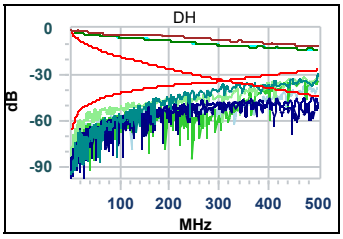
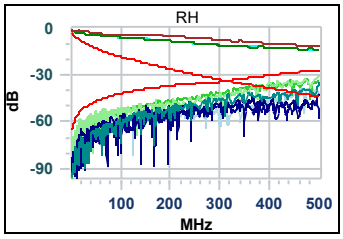




ACR-N





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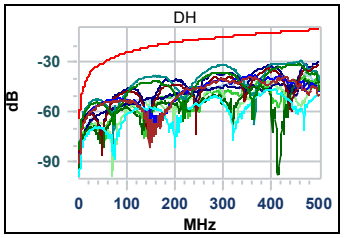
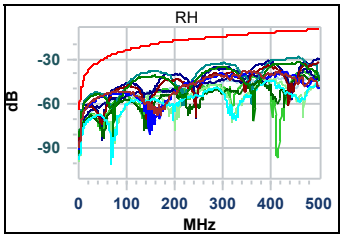
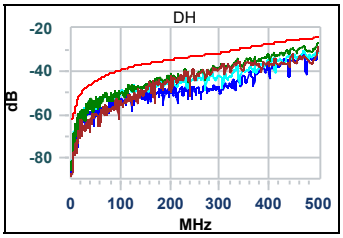
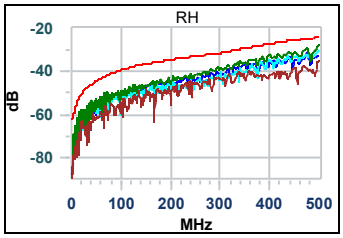




PS NEXT





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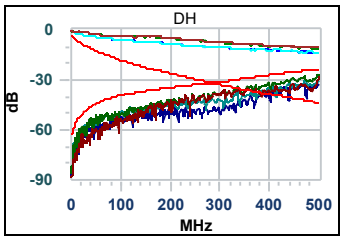

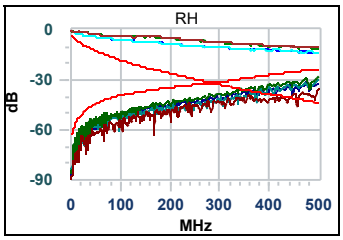
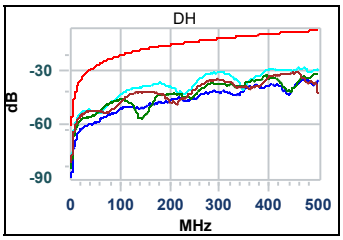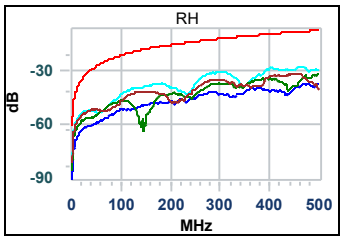
PS ACR-F