Certificado por IDEAL INDUSTRIES, Inc. - Reporte de medida

Nombre del trabajo: CSJ_P3_S.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: 58,8m	Longitúd total: 58,8m	Longitúd total: 0m	Longitúd total: 0m

Pasa

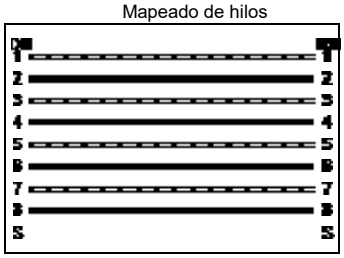
Nombrede la medida: D181
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

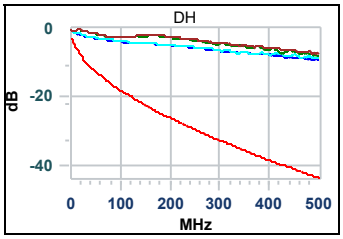
Fecha de la medida: 24/5/2021
Hora de la medida: 14:33:46
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✓	23,5 m.		5,4	90,0 m.	66,5 m.					
Resistencia DC	✓	3,6 ohms		5,4	20,0 ohms	16,4 ohms					
Retarde de propagación	✓	116,7 ns		7,8	498,0 ns	381,3 ns					
Desviación de retardo	✓	7,8 ns		7,8	44,0 ns	36,2 ns					
Atenuación	✓	0,9 dB @ 3,0MHz	DH	1,2	< 3,1 dB	2,2 dB	DH	1,2	9,2 dB @ 497,0MHz	< 43,6 dB	34,4 dB
Pérdida de retorno	✓	10,7 dB @ 500,0MHz	DH	7,8	> 8,0 dB	2,7 dB	DH	7,8	10,7 dB @ 500,0MHz	> 8,0 dB	2,7 dB
NEXT	✓	29,1 dB @ 500,0MHz	DH	7,8-3,6	> 26,7 dB	2,4 dB	DH	7,8-3,6	29,1 dB @ 500,0MHz	> 26,7 dB	2,4 dB
ACR-N	✓	34,1 dB @ 282,0MHz	DH	3,6-1,2	>= 3,0 dB	31,1 dB	RH	3,6-5,4	21,1 dB @ 500,0MHz	>= -17,1 dB	38,2 dB
ACR-F	✓	65,0 dB @ 5,2MHz	DH	5,4-7,8	> 49,9 dB	15,1 dB	RH	5,4-7,8	29,3 dB @ 408,0MHz	> 12,0 dB	17,3 dB
Encabezado	N/D	12,1 dB		N/D	N/D	N/D					
PS NEXT	✓	26,6 dB @ 500,0MHz	DH	3,6	> 23,8 dB	2,8 dB	DH	3,6	26,6 dB @ 500,0MHz	> 23,8 dB	2,8 dB
PS ACR-N	✓	42,7 dB @ 142,5MHz	DH	1,2	> 15,1 dB	27,6 dB	DH	3,6	18,8 dB @ 500,0MHz	> -20,0 dB	38,8 dB
PS ACR-F	✓	63,5 dB @ 5,2MHz	RH	5,4	> 46,9 dB	16,6 dB	RH	5,4	27,6 dB @ 433,0MHz	> 8,5 dB	19,1 dB

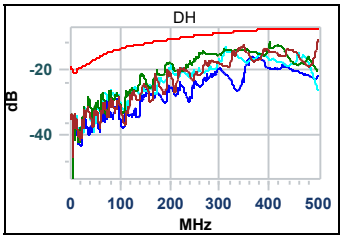
Mapeado de hilos

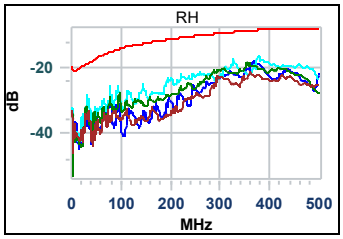


Atenuación



Pérdida de retorno





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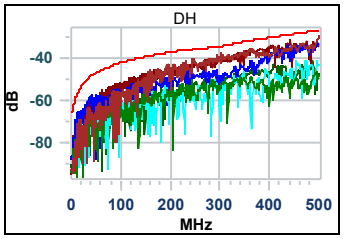
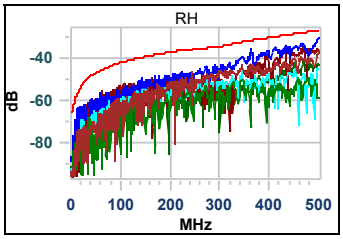
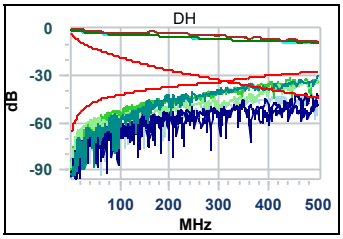
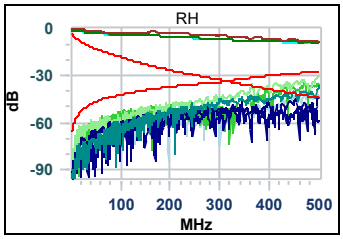


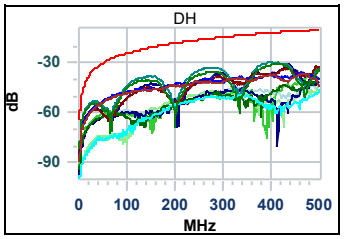


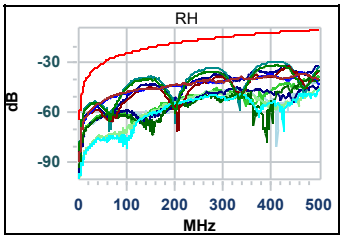
ACR-N



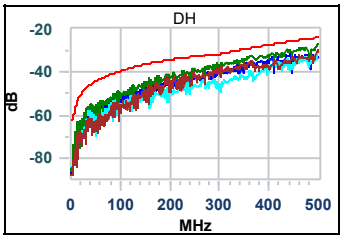


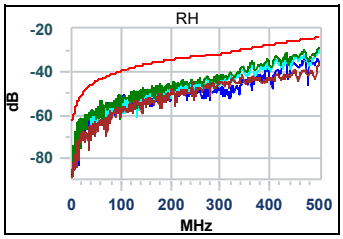
ACR-F



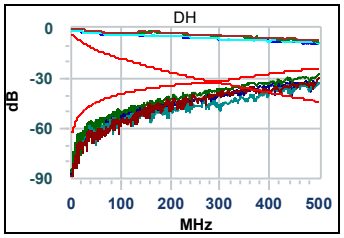


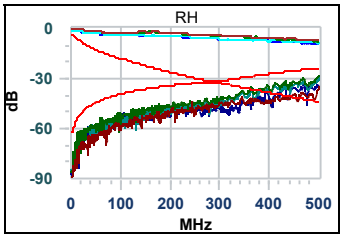
PS NEXT





PS ACR-N





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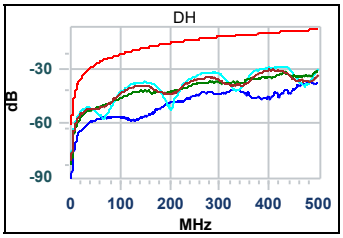

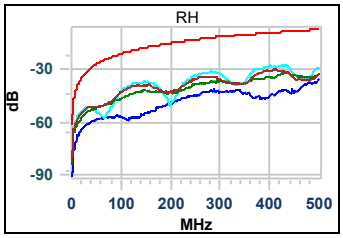

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Compañía: TEISA

Fecha del reporte: lunes, 31 de mayo de 2021 05:19 p. m.
Versión: 1.3.2

Pasa

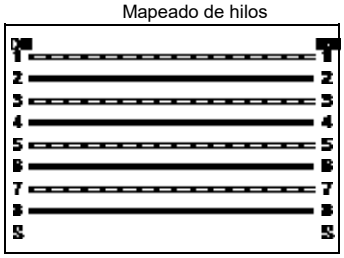
Nombrede la medida: D182
Límite a medida: Cat 6A UTP Perm
MFGDB:
LANTEK II-500 [1146004/1140507]
ID del adaptador: 6014, CAT6A,0656,Rev.P
Notas de usuario:

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

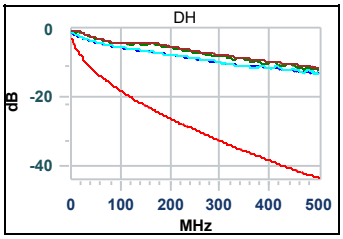
Fecha de la medida: 26/5/2021
Hora de la medida: 10:37:11
Operador: TEISA
Contratista: 01
Compañía: TEISA

		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	✔	35,3 m.		5,4	90,0 m.	54,7 m.					
Resistencia DC	✔	5,1 ohms		1,2	20,0 ohms	14,9 ohms					
Retarde de propagación	✔	174,5 ns		7,8	498,0 ns	323,5 ns					
Desviación de retardo	✔	11,0 ns		7,8	44,0 ns	33,0 ns					
Atenuación	✔	1,1 dB @ 3,0MHz	DH	1,2	< 3,1 dB	2,0 dB	DH	1,2	13,0 dB @ 499,0MHz	< 43,7 dB	30,7 dB
Pérdida de retorno	✔	11,5 dB @ 354,0MHz	DH	3,6	> 8,5 dB	3,0 dB	DH	3,6	11,5 dB @ 354,0MHz	> 8,5 dB	3,0 dB
NEXT	✔	36,0 dB @ 307,0MHz	DH	7,8-3,6	> 33,7 dB	2,3 dB	DH	7,8-3,6	29,7 dB @ 500,0MHz	> 26,7 dB	3,0 dB
ACR-N	✔	46,1 dB @ 90,5MHz	DH	3,6-5,4	>= 25,5 dB	20,6 dB	DH	7,8-3,6	18,0 dB @ 500,0MHz	>= -17,1 dB	35,1 dB
ACR-F	✔	65,5 dB @ 5,1MHz	RH	5,4-7,8	> 50,1 dB	15,4 dB	RH	5,4-3,6	28,1 dB @ 470,0MHz	> 10,7 dB	17,4 dB
Encabezado	N/D	37,1 dB		N/D	N/D	N/D					
PS NEXT	✔	27,0 dB @ 500,0MHz	DH	3,6	> 23,8 dB	3,2 dB	DH	3,6	27,0 dB @ 500,0MHz	> 23,8 dB	3,2 dB
PS ACR-N	✔	47,2 dB @ 67,0MHz	DH	5,4	> 27,6 dB	19,6 dB	DH	3,6	15,3 dB @ 500,0MHz	> -20,0 dB	35,3 dB
PS ACR-F	✔	63,7 dB @ 5,1MHz	RH	5,4	> 47,1 dB	16,6 dB	RH	5,4	25,2 dB @ 466,0MHz	> 7,8 dB	17,4 dB

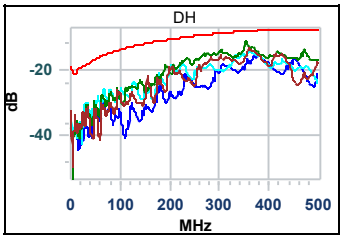
Mapeado de hilos

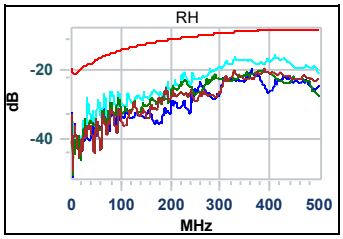


Atenuación



Pérdida de retorno





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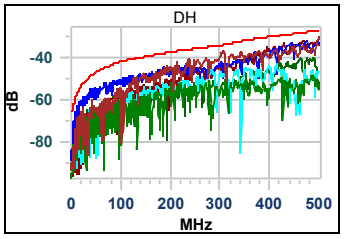

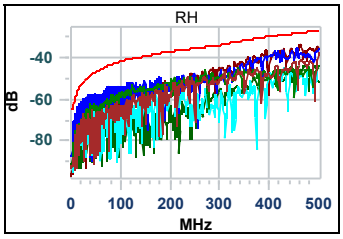

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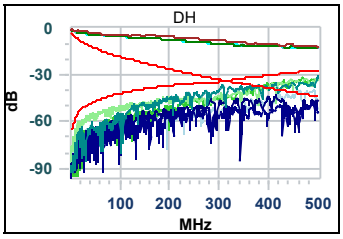
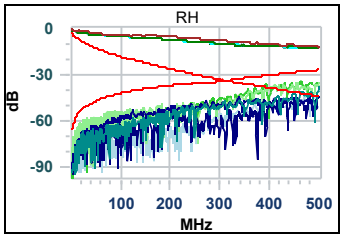
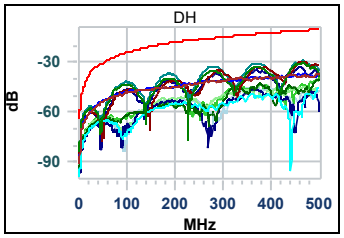
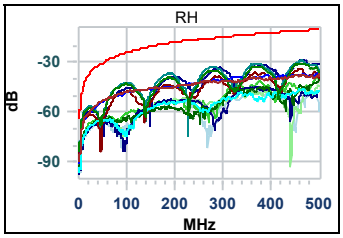


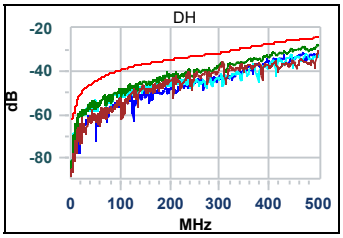


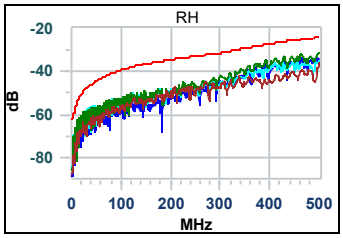
ACR-F





PS NEXT





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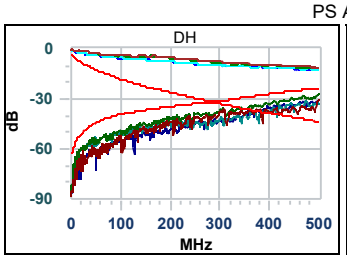

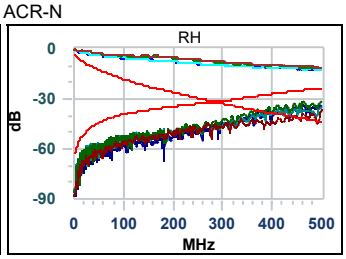
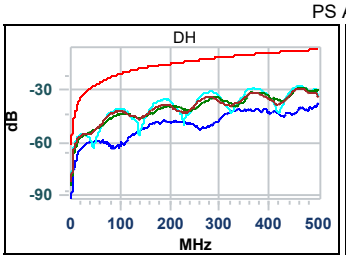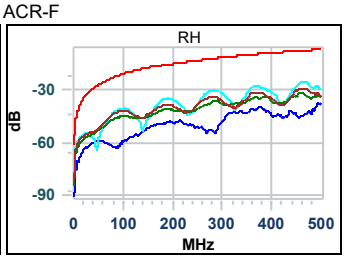
PS ACR-F