



Summary Report

Cable Certification

Cable ID	Result	Limit	Length(m)	Margin (Return Loss)	Margin (NEXT)	Date / Time
A-008	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	7.9 dB	5.5 dB	19/05/2022 12:44:19 AM
A-007	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	7.7 dB	5.3 dB	19/05/2022 12:43:42 AM
A-006	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	8.0 dB	5.5 dB	19/05/2022 12:42:58 AM
A-005	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	7.6 dB	5.3 dB	19/05/2022 12:42:31 AM
A-004	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	8.0 dB	5.4 dB	19/05/2022 12:41:11 AM
A-003	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	7.8 dB	5.3 dB	19/05/2022 12:40:40 AM
A-002	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	8.0 dB	5.3 dB	19/05/2022 12:39:48 AM
A-001	Pass	Certi-Lite TIA - Cat 6A Channel	8.6	8.0 dB	5.4 dB	19/05/2022 12:38:33 AM

Total Records : 8
Total Length : 68.5m

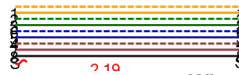


Pass

Test Time : 19/05/2022 12:44:19 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	45	2.067	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

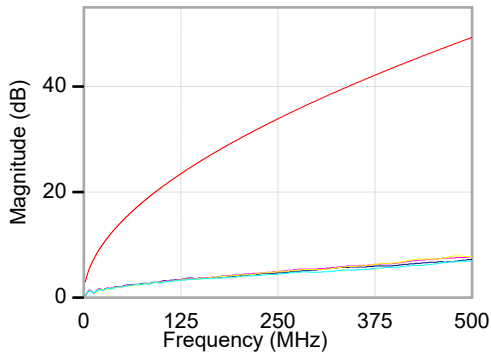


Wiremap Result: Pass
T568B

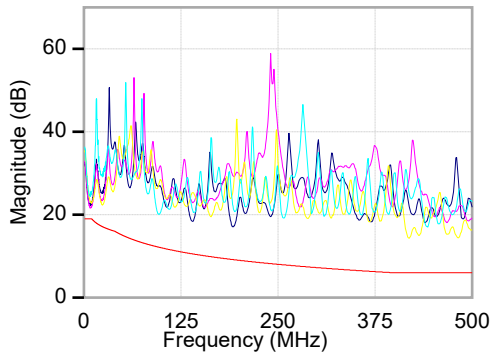
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	7.9	10.6	139.00	45	14.3	419.00							
IL	Pass	78	2.6	3.0	1.90	45	7.9	477.00							
NEXT	Pass	36-45	5.5	28.2	418.00	36-45	33.7	418.00							
PSNEXT	Pass	36	7.7	25.3	419.00	36	31.7	469.00							
ACRF	Pass	12-78	17.7	34.4	27.70	78-36	33.4	439.00							
PSACRF	Pass	78	17.0	31.2	28.45	36	32.8	440.00							

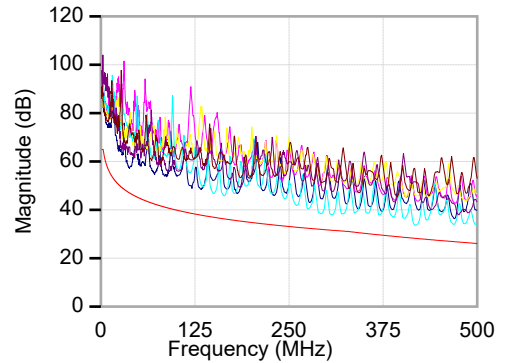
IL



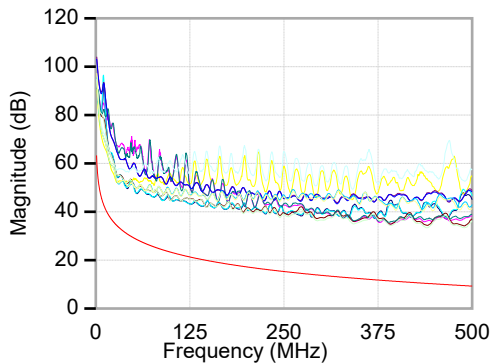
Return Loss



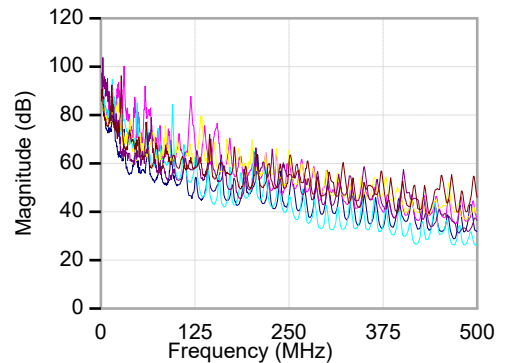
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

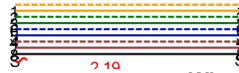


Pass

Test Time : 19/05/2022 12:43:42 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	78	2.224	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

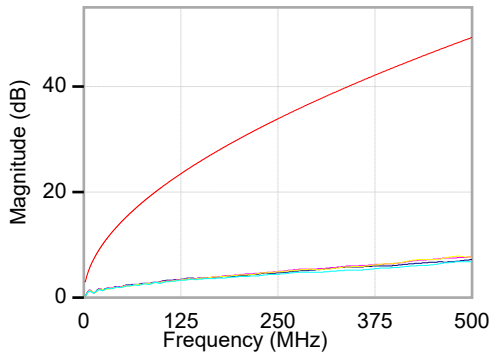


Wiremap Result: Pass
T568B

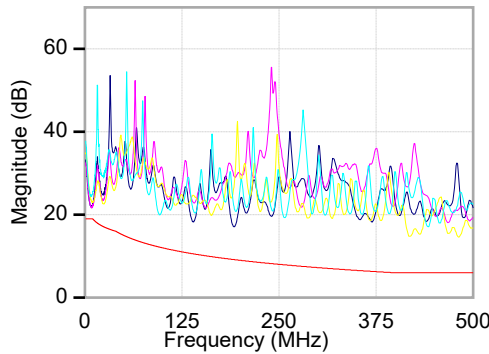
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	7.7	10.6	139.50	45	14.6	481.00							
IL	Pass	12	2.6	3.0	1.90	45	7.9	481.00							
NEXT	Pass	36-45	5.3	28.2	418.00	36-45	33.5	418.00							
PSNEXT	Pass	36	7.6	25.2	420.00	36	31.7	469.00							
ACRF	Pass	45-78	17.8	33.7	30.10	78-36	33.0	438.00							
PSACRF	Pass	78	17.7	31.4	27.85	36	32.5	441.00							

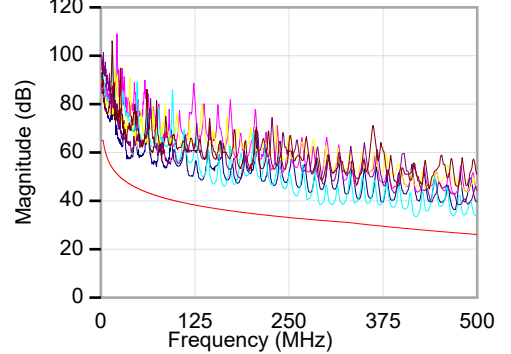
IL



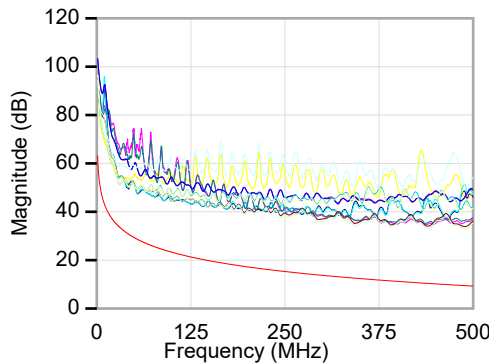
Return Loss



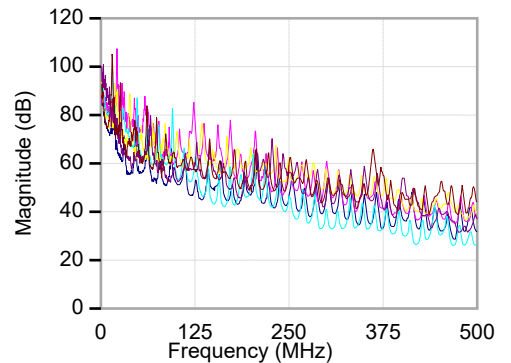
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

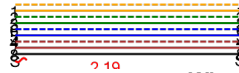


Pass

Test Time : 19/05/2022 12:42:58 AM
Project : cat5E
Profile : Certi-Lite
Operator : Werner
Cable Type / NVP : CAT 6A FTP , 68%
Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
Model : NSA
Serial Number : Main: 4300-0047
Device Software : 3.8.R1
Calibration Date : Wednesday, 6 October 2021
Main Adapter : AD-NSA, S/N: 21040
Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	45	1.657	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

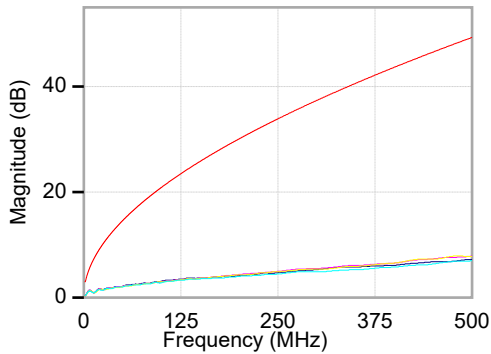


Wiremap Result: Pass
T568B

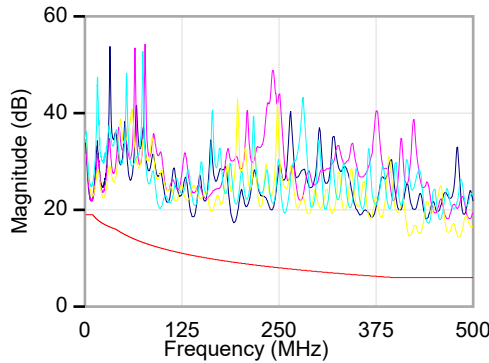
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	8.0	10.6	138.00	45	14.4	481.00							
IL	Pass	12	2.6	3.0	1.75	45	7.9	476.00							
NEXT	Pass	36-45	5.5	28.2	417.00	36-45	33.7	417.00							
PSNEXT	Pass	36	7.5	25.3	419.00	36	31.8	469.00							
ACRF	Pass	45-78	18.1	33.9	29.50	78-36	33.3	488.00							
PSACRF	Pass	78	17.3	30.9	29.50	36	32.9	439.00							

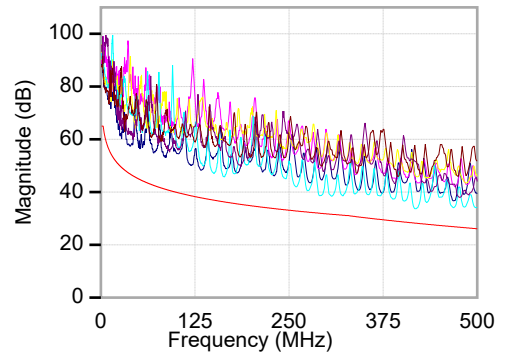
IL



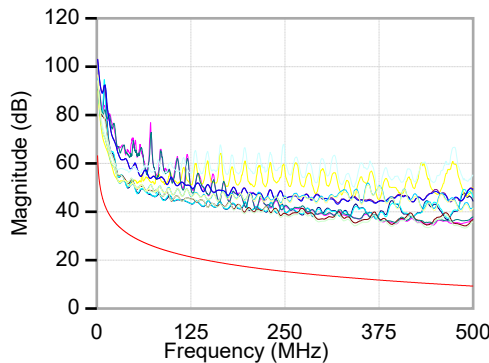
Return Loss



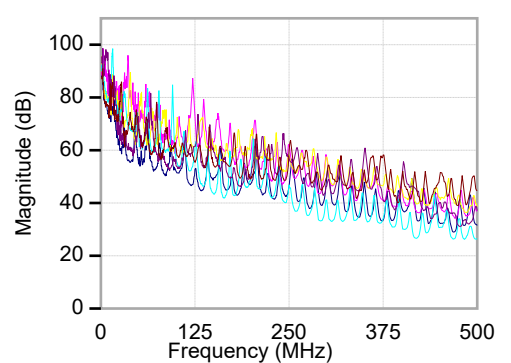
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

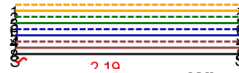


Pass

Test Time : 19/05/2022 12:42:31 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	36	2.595	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

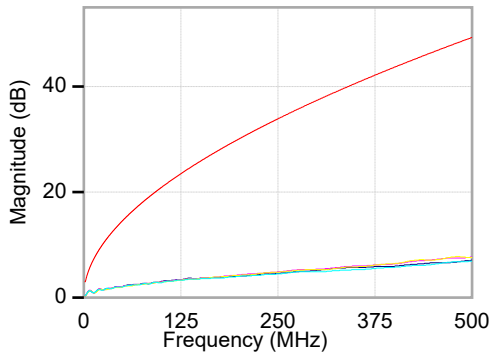


Wiremap Result: Pass
T568B

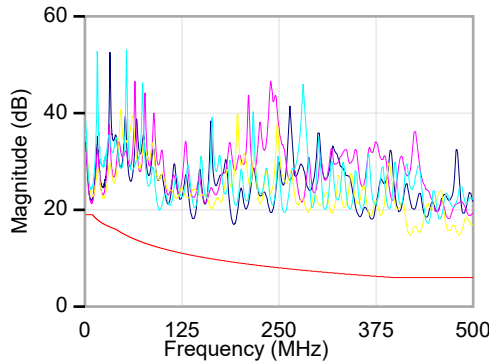
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	7.6	10.6	139.00	45	14.8	418.00							
IL	Pass	78	2.6	3.0	1.75	45	7.8	479.00							
NEXT	Pass	36-45	5.3	28.2	418.00	36-45	33.5	417.00							
PSNEXT	Pass	36	7.4	25.2	420.00	36	31.4	468.00							
ACRF	Pass	45-78	17.8	33.9	29.50	78-36	33.1	489.00							
PSACRF	Pass	78	17.0	31.2	28.45	36	32.6	439.00							

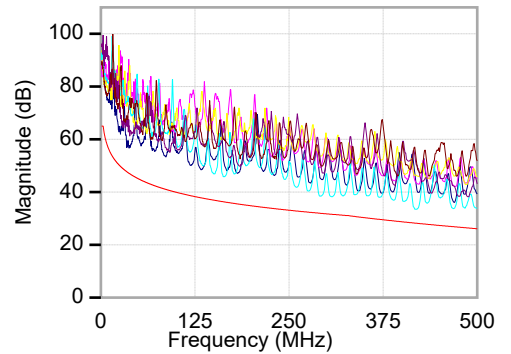
IL



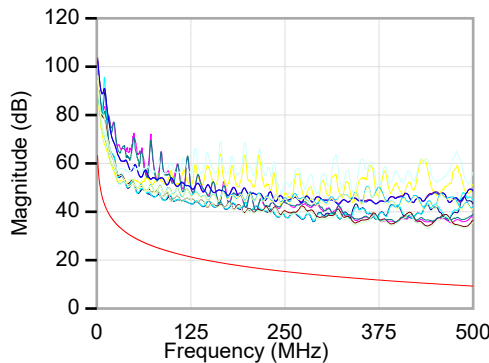
Return Loss



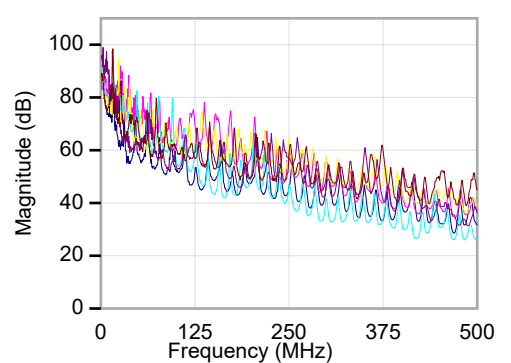
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

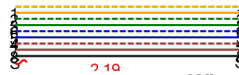


Pass

Test Time : 19/05/2022 12:41:11 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	78	2.207	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

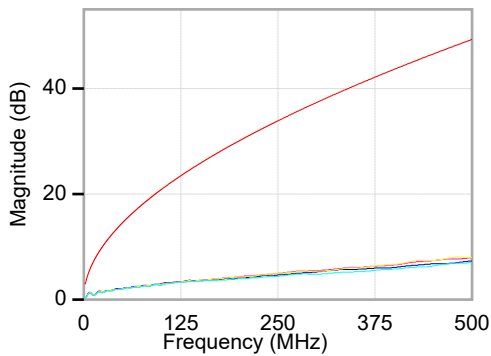


Wiremap Result: Pass
T568B

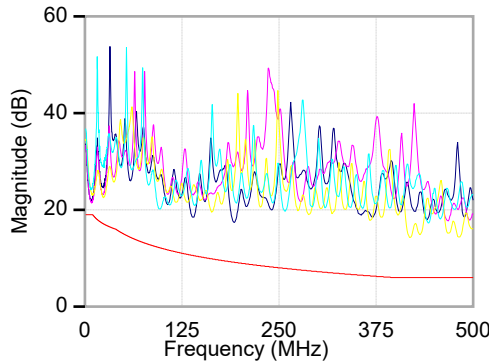
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	8.0	10.6	138.00	45	14.3	418.00							
IL	Pass	12	2.7	3.0	1.75	45	8.1	478.00							
NEXT	Pass	36-45	5.4	28.2	417.00	36-45	33.6	417.00							
PSNEXT	Pass	36	7.7	25.3	418.00	36	31.8	469.00							
ACRF	Pass	12-36	17.4	30.9	41.50	78-36	33.2	489.00							
PSACRF	Pass	36	18.6	28.1	40.75	36	32.8	439.00							

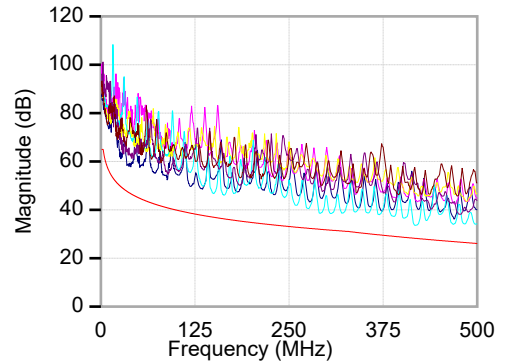
IL



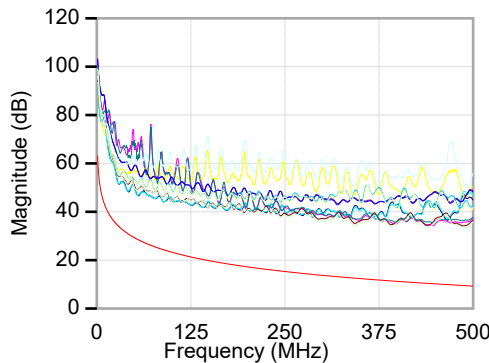
Return Loss



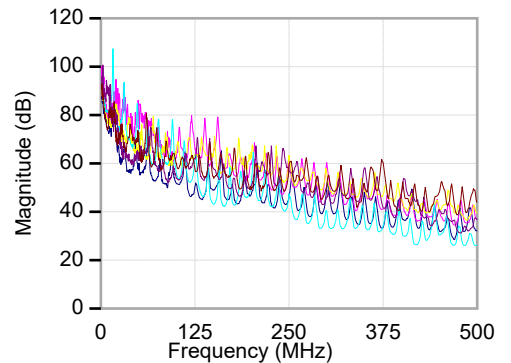
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

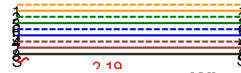


Pass

Test Time : 19/05/2022 12:40:40 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	45	2.133	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

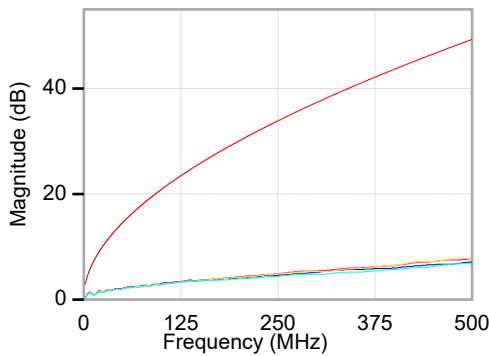


Wiremap Result: Pass
T568B

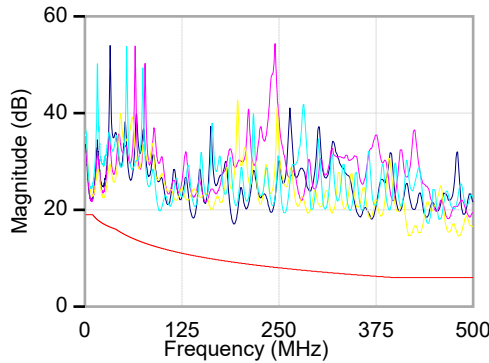
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	7.8	10.6	139.00	45	14.6	417.00							
IL	Pass	12	2.7	3.0	1.45	45	7.9	479.00							
NEXT	Pass	36-45	5.3	28.2	418.00	36-45	33.5	418.00							
PSNEXT	Pass	36	7.5	25.3	419.00	36	31.5	469.00							
ACRF	Pass	45-78	17.8	33.9	29.50	78-36	33.1	488.00							
PSACRF	Pass	78	17.0	31.2	28.45	36	32.7	438.00							

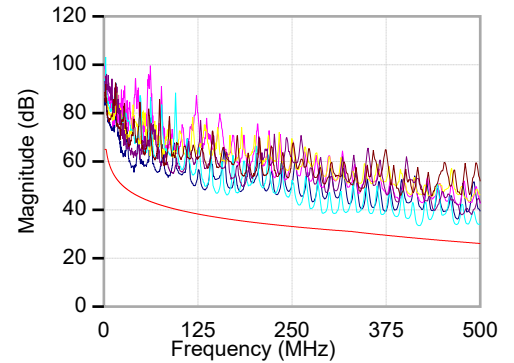
IL



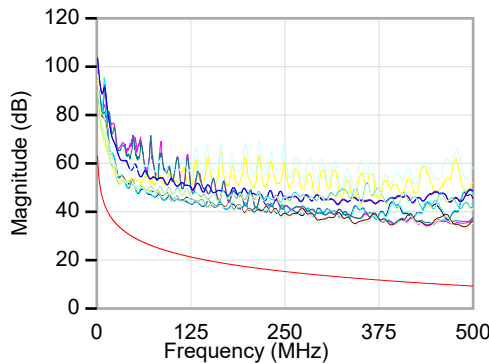
Return Loss



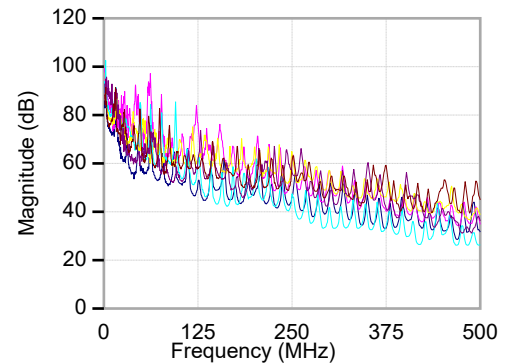
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

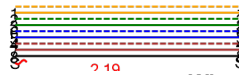


Pass

Test Time : 19/05/2022 12:39:48 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	45	2.748	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

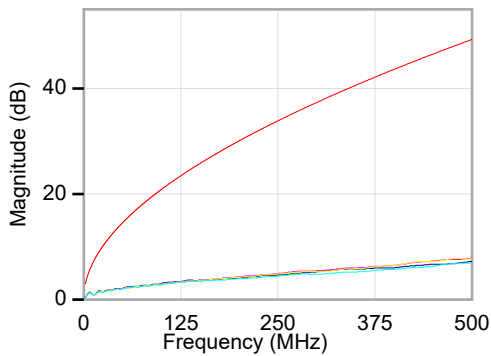


Wiremap Result: Pass
T568B

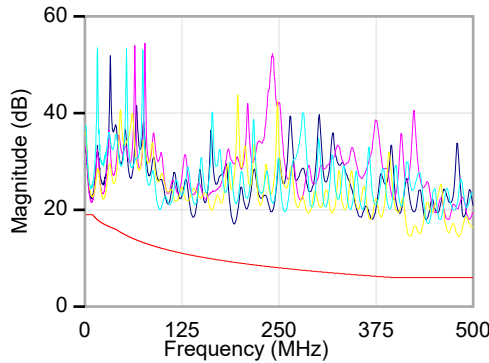
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	8.0	10.6	138.50	45	14.5	419.00							
IL	Pass	12	2.6	3.0	1.90	36	7.9	500.00							
NEXT	Pass	36-45	5.3	28.2	418.00	36-45	33.5	418.00							
PSNEXT	Pass	36	7.5	25.3	419.00	36	31.7	468.00							
ACRF	Pass	45-78	17.8	33.9	29.35	78-36	33.0	487.00							
PSACRF	Pass	78	17.2	31.4	27.85	36	32.5	441.00							

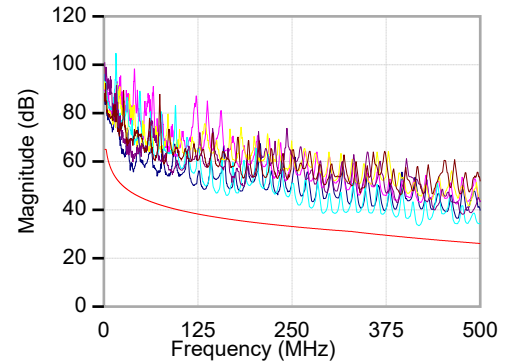
IL



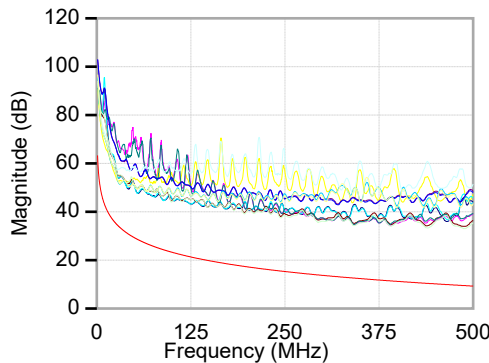
Return Loss



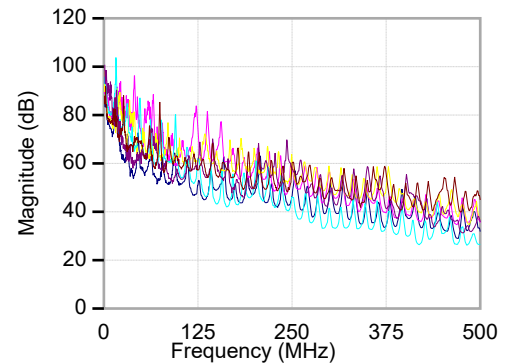
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T

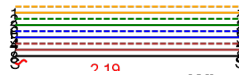


Pass

Test Time : 19/05/2022 12:38:33 AM
 Project : cat5E
 Profile : Certi-Lite
 Operator : Werner
 Cable Type / NVP : CAT 6A FTP , 68%
 Connector : CAT6A

Limit : Certi-Lite TIA - Cat 6A Channel
 Model : NSA
 Serial Number : Main: 4300-0047
 Device Software : 3.8.R1
 Calibration Date : Wednesday, 6 October 2021
 Main Adapter : AD-NSA, S/N: 21040
 Remote Adapter :

Parameter	Result	Pair	Value	Limit
Length(m)	Pass	45	8.6	100.0
Prop Delay(ns)	Pass	12	43.0	555.0
Delay Skew(ns)	Pass	12	1.0	50.0
DC Loop Resistance(Ω)	Pass	12	0.000	25.000
Res. Unbal, wire-wire(Ω)	Pass	12	0.000	0.200

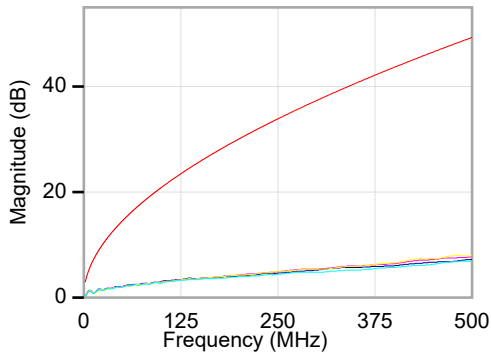


Wiremap Result: Pass
T568B

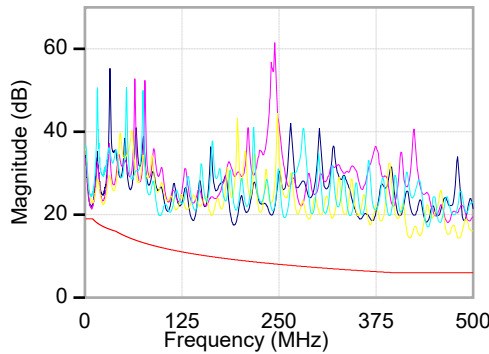
RF Parameters

Parameter	Result	Main							Remote						
		Worst Margin				Worst Value			Worst Margin				Worst Value		
		Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)	Pair	Margin (dB)	Limit (dB)	Freq (MHz)	Pair	Value (dB)	Freq (MHz)
Return Loss	Pass	12	8.0	10.6	139.00	45	14.4	418.00							
IL	Pass	12	2.7	3.1	2.05	45	8.0	477.00							
NEXT	Pass	36-45	5.4	28.2	418.00	36-45	33.6	418.00							
PSNEXT	Pass	36	7.6	25.3	419.00	36	31.7	469.00							
ACRF	Pass	12-36	18.3	31.1	40.75	78-36	32.9	438.00							
PSACRF	Pass	78	18.3	31.3	28.15	36	32.4	438.00							

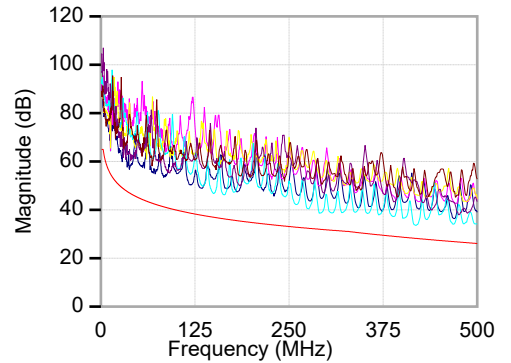
IL



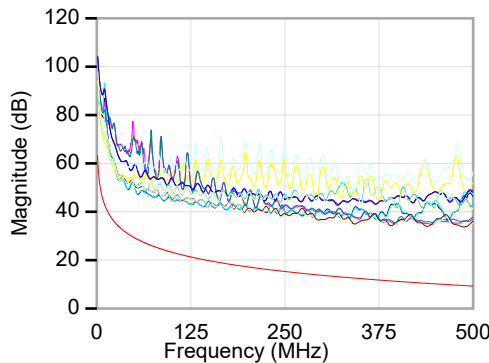
Return Loss



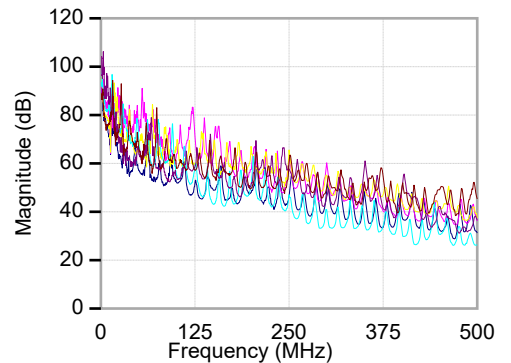
NEXT



ACRF



ACRN



10BASE-T, 100BASE-T, 1000BASE-T, 2.5GBASE-T, 5GBASE-T, 10GBASE-T