



### Cable ID: Test1

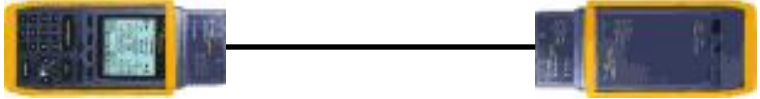
### Test Summary: FAIL

Date / Time: 01/01/1992 12:00:00am  
 Headroom: -3.5 dB (NEXT 12-45)  
 Test Limit: Cat 5e P-Link  
 Cable Type: Cat 5 UTP

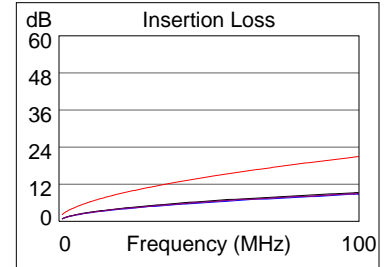
Operator: OmniScanner  
 Software Version: V06.12  
 NVP: 72%

Model: OMNISCANNER2  
 Main S/N: 50D04F00035  
 Remote S/N: 50E04H00006  
 Main Adapter: CHAN 5/5E/6  
 Remote Adapter: CHAN 5/5E/6

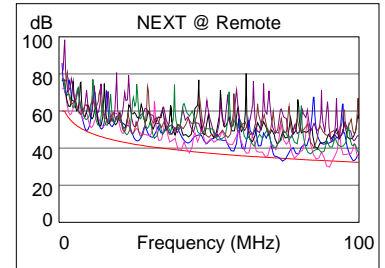
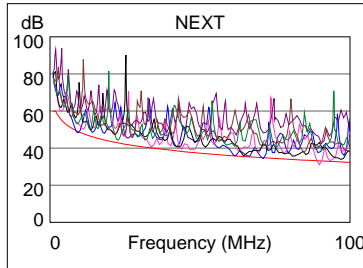
Wire Map	Expected	Actual
<b>PASS</b>		
Omni:	12345678	12345678
Remote:	12345678	12345678



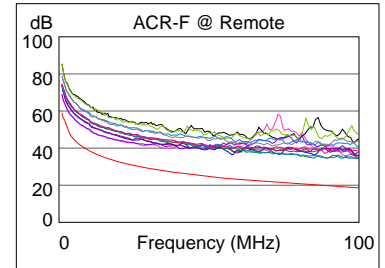
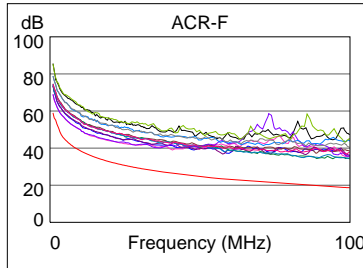
Length (ft), Limit 295	[Pair 12]	158
Prop. Delay (ns), Limit 498	[Pair 45]	232
Delay Skew (ns), Limit 44	[Pair 45]	8
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	11.5
Frequency (MHz)	[Pair 45]	98.5
Limit (dB)	[Pair 45]	20.8



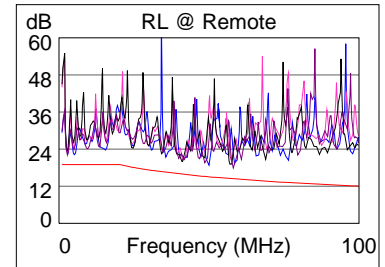
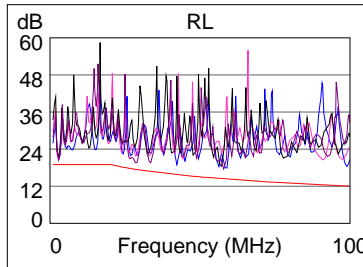
Worst Case Margin		
	MAIN	SR
<b>FAIL</b>		
Worst Pair	12-45	12-45
<b>NEXT (dB)</b>	-2.1 F	-3.5 F
Freq. (MHz)	89.8	90.0
Limit (dB)	33.1	33.1
Worst Pair	12	12
<b>PS NEXT (dB)</b>	-0.1*F	-0.7*F
Freq. (MHz)	89.8	89.8
Limit (dB)	30.1	30.1



Worst Case Margin		
	MAIN	SR
<b>PASS</b>		
Worst Pair	12-45	12-45
<b>ACR-F (dB)</b>	8.8	8.8
Freq. (MHz)	1.9	1.9
Limit (dB)	55.1	55.1
Worst Pair	12	12
<b>PS ACR-F (dB)</b>	10.3	10.3
Freq. (MHz)	1.9	1.9
Limit (dB)	52.1	52.1



Worst Case Margin		
	MAIN	SR
<b>PASS</b>		
Worst Pair	78	78
<b>RL (dB)</b>	2.0	3.5
Freq. (MHz)	28.6	58.1
Limit (dB)	17.5	14.4



## Cable ID: Test2

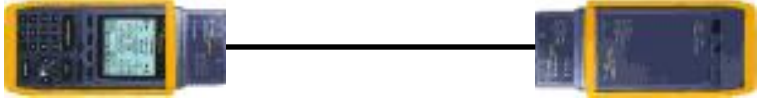
## Test Summary: FAIL

Date / Time: 01/01/1992 12:00:00am  
 Headroom: -1.7 dB (NEXT 12-45)  
 Test Limit: Cat 5e P-Link  
 Cable Type: Cat 5 UTP

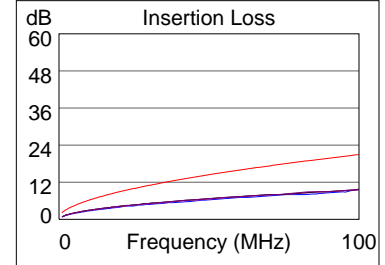
Operator: OmniScanner  
 Software Version: V06.12  
 NVP: 72%

Model: OMNIScanner2  
 Main S/N: 50D04F00035  
 Remote S/N: 50E04H00006  
 Main Adapter: CHAN 5/5E/6  
 Remote Adapter: CHAN 5/5E/6

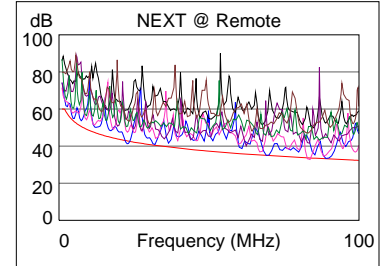
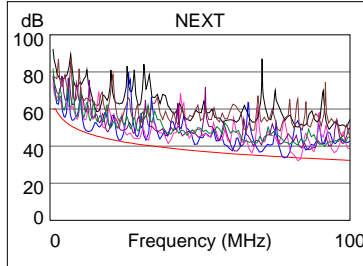
Wire Map	Expected	Actual
<b>PASS</b>		
Omni:	12345678	12345678
Remote:	12345678	12345678



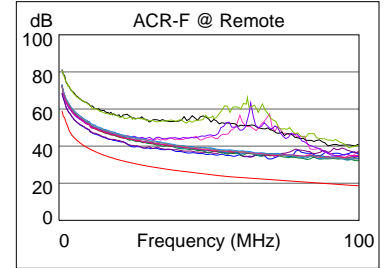
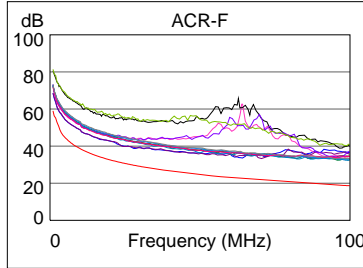
Length (ft), Limit 295	[Pair 12]	159
Prop. Delay (ns), Limit 498	[Pair 45]	233
Delay Skew (ns), Limit 44	[Pair 45]	8
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	11.3
Frequency (MHz)	[Pair 12]	99.2
Limit (dB)	[Pair 12]	20.9



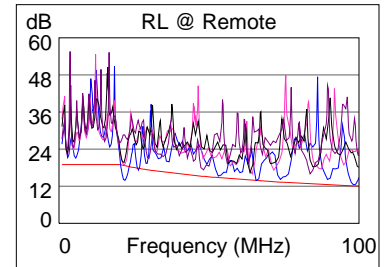
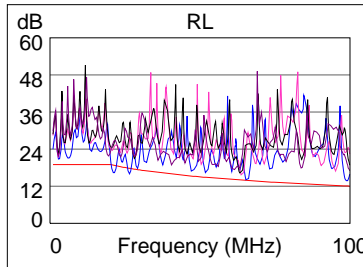
Worst Case Margin		
	MAIN	SR
<b>FAIL</b>		
Worst Pair	12-45	12-36
<b>NEXT (dB)</b>	-1.7 F	-1.6 F
Freq. (MHz)	82.8	22.8
Limit (dB)	33.7	42.8
Worst Pair	45	12
<b>PS NEXT (dB)</b>	0.8*	0.5*
Freq. (MHz)	83.0	22.8
Limit (dB)	30.6	39.8



	MAIN	SR
<b>PASS</b>		
Worst Pair	12-36	12-36
<b>ACR-F (dB)</b>	8.1	8.2
Freq. (MHz)	2.5	2.5
Limit (dB)	52.1	52.2
Worst Pair	36	36
<b>PS ACR-F (dB)</b>	8.3	8.4
Freq. (MHz)	2.5	2.5
Limit (dB)	49.2	49.2



	MAIN	SR
<b>FAIL</b>		
Worst Pair	12	12
<b>RL (dB)</b>	-2.5 F	-4.7 F
Freq. (MHz)	21.4	21.9
Limit (dB)	18.7	18.6





**Cable ID: Test3**

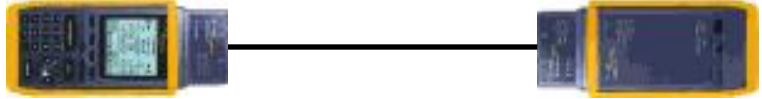
**Test Summary: FAIL**

Date / Time: 11/01/2008 12:28:00am  
 Headroom: **-0.9 dB (NEXT 36-78)**  
 Test Limit: Cat 5e P-Link  
 Cable Type: Cat 5 UTP

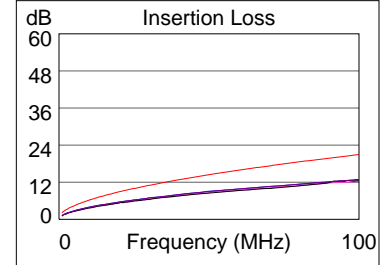
Operator: OmniScanner  
 Software Version: V06.12  
 NVP: 72%

Model: OMNIScanner2  
 Main S/N: 50D04F00035  
 Remote S/N: 50E04H00006  
 Main Adapter: Unknown PM  
 Remote Adapter: UNIV PLIA

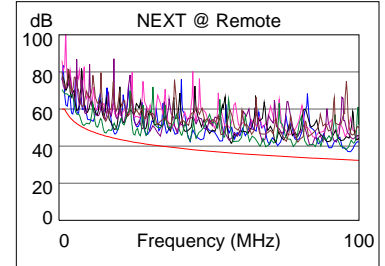
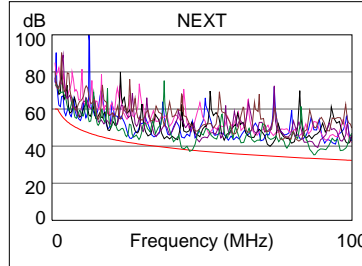
Wire Map	Expected	Actual
<b>PASS</b>		
Omni:	12345678	12345678
Remote:	12345678	12345678



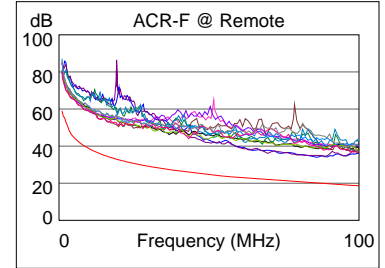
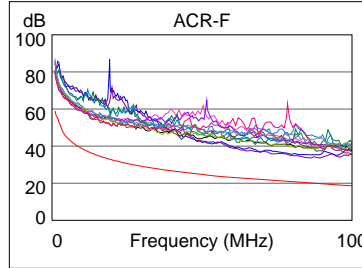
Length (ft), Limit 295	[Pair 36]	224
Prop. Delay (ns), Limit 498	[Pair 12]	328
Delay Skew (ns), Limit 44	[Pair 12]	11
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 12]	8.0
Frequency (MHz)	[Pair 12]	99.2
Limit (dB)	[Pair 12]	20.9



Worst Case Margin		
	MAIN	SR
<b>FAIL</b>		
Worst Pair	36-78	36-78
<b>NEXT (dB)</b>	<b>-0.9 F</b>	1.2
Freq. (MHz)	46.2	8.2
Limit (dB)	37.9	49.9
Worst Pair	36	12
<b>PS NEXT (dB)</b>	1.5	3.2
Freq. (MHz)	46.2	18.7
Limit (dB)	34.8	41.1



	MAIN	SR
<b>PASS</b>		
Worst Pair	36-12	12-36
<b>ACR-F (dB)</b>	13.7	14.0
Freq. (MHz)	86.4	85.9
Limit (dB)	19.9	20.0
Worst Pair	12	36
<b>PS ACR-F (dB)</b>	15.1	15.4
Freq. (MHz)	86.4	89.1
Limit (dB)	16.9	16.6



	MAIN	SR
<b>FAIL</b>		
Worst Pair	45	36
<b>RL (dB)</b>	<b>-0.4*F</b>	<b>-2.3 F</b>
Freq. (MHz)	20.5	12.7
Limit (dB)	18.9	19.0

