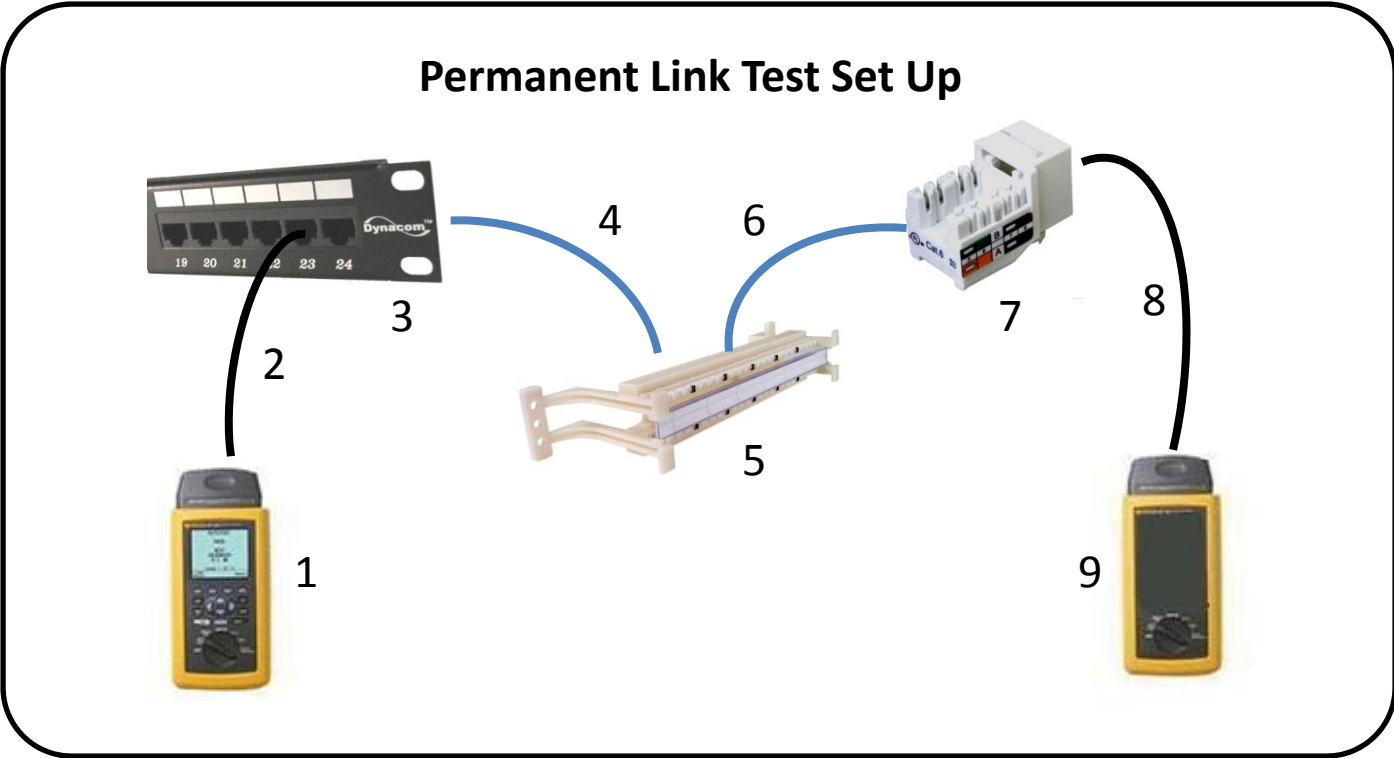


Category 6 Permanent Link Test using Mohawk® Cat6 CMR Cable with Dynacom `Component Compliant' Connectivity

Mohawk® = +4.3dB NEXT Headroom



1. Field Tester	Fluke DSP4300 Cable Tester
2. Permanent Link Adapter	Fluke Permanent Link Adapter
3. Patch Panel	Dynacom p/n 2013-24C6E
4. Horizontal Cable 50ft.	Mohawk Cat6 CMR Cable
5. Wiring Block	Dynacom p/n 610AWB-96
6. Horizontal Cable 60ft.	Mohawk Cat6 CMR Cable
7. Data Jack	Dynacom p/n 10606H-XX
8. Permanent Link Adapter	Fluke Permanent Link Adapter
9. Field Tester	Fluke DSP4300 Remote

******* DISCLAIMER *******

These test results are provided for comparative purposes only and are not a guarantee that you will obtain identical results. Actual performance will depend upon installation and environment. Dynacom is not affiliated with Mohawk® and assumes no liability for permanent link performance using Mohawk® brand cable.



Cable ID: MOHC6+DYNC6EPP+DYN10606H

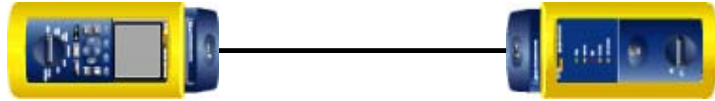
Test Summary: PASS

Date / Time: 07/14/2008 11:02:46am
Headroom: 4.3 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: UTP 100 Ohm Cat 6
 Fault Anomaly Threshold: 15%

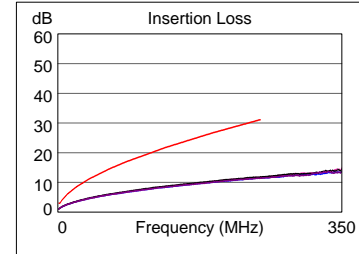
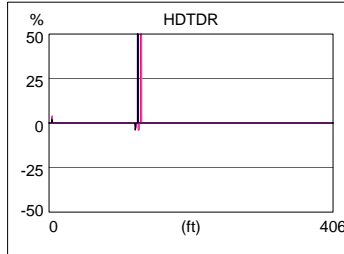
Operator: Pete Bach
 Software Version: 1.925
 Limits Version: 5.17
 NVP: 69.0%
 Shield Test: N/A

Model: DSP-4300
 Main S/N: 8284020
 Remote S/N: 8284020
 Main Adapter: PM- 006
 Remote Adapter: PM- 006

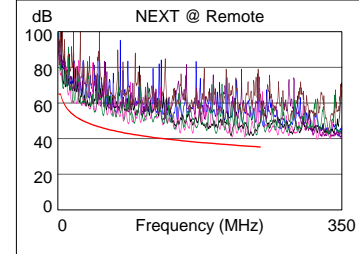
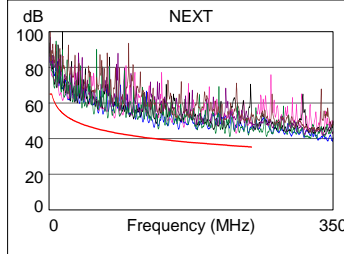
Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8



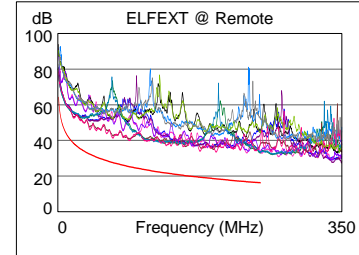
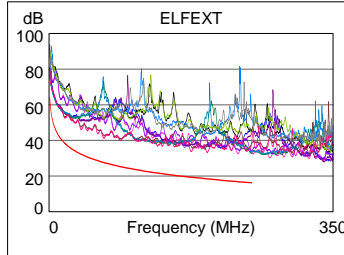
Length (ft), Limit 295	[Pair 78]	120
Prop. Delay (ns), Limit 498	[Pair 45]	185
Delay Skew (ns), Limit 44	[Pair 45]	8
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	19.2
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



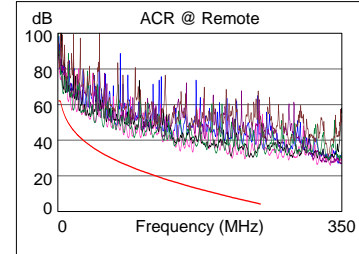
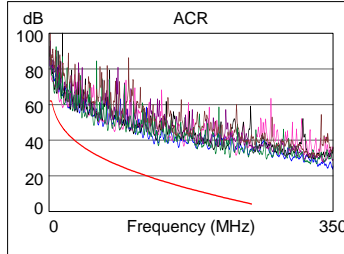
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
NEXT (dB)	5.0	4.3	5.0	5.1
Freq. (MHz)	223.0	151.0	223.0	230.5
Limit (dB)	36.1	38.9	36.1	35.9
Worst Pair	36	12	36	12
PSNEXT (dB)	6.0	4.8	6.5	4.8
Freq. (MHz)	135.0	214.0	246.0	214.0
Limit (dB)	37.1	33.9	32.8	33.9



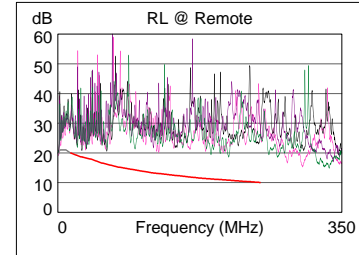
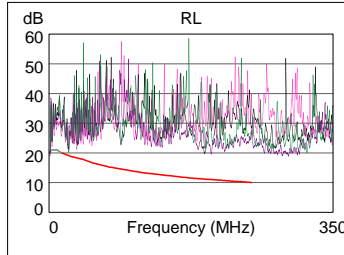
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	36-45	12-45	36-45
ELFEXT (dB)	12.2	12.2	15.8	16.6
Freq. (MHz)	1.0	1.0	233.0	249.5
Limit (dB)	64.2	64.2	16.8	16.2
Worst Pair	36	36	45	45
PSELFEXT (dB)	12.8	12.6	16.9	17.3
Freq. (MHz)	1.0	1.1	250.0	250.0
Limit (dB)	61.2	60.4	13.2	13.2



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-78	36-78	36-78	12-45
ACR (dB)	10.4	10.0	23.2	23.4
Freq. (MHz)	6.8	6.5	223.0	230.5
Limit (dB)	56.0	56.4	7.0	6.2
Worst Pair	78	78	36	12
PSACR (dB)	10.6	10.6	25.7	24.6
Freq. (MHz)	6.6	6.6	246.0	236.0
Limit (dB)	53.9	53.9	2.0	3.1



	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	36	45	78
RL (dB)	1.2*	2.3*	8.6	7.9
Freq. (MHz)	24.4	29.8	200.0	210.5
Limit (dB)	19.1	18.6	11.0	10.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

* Measurement is within the accuracy limits of the instrument.