Digi-Link P200 5e+ Cabling Systems

Description

More usable bandwidth. Better headroom. The overachiever of category 5e+ solution.

Channel Performance Specifications exceed not only the TIA 568B.2 & ISO 11801 Edition 2 for Category 5e/Class D cabling systems but also are capable of providing stable and continual performance upto 200 Mhz.. Digi-Link P200 System, when installed by a Digi-Link Certified Cabling Engineer (DCCE) , attracts a 20 year Performance Warranty on the entire system.

Benefits and Features

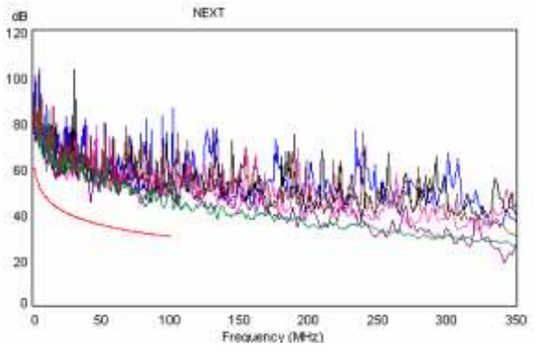
- Performance optimised to 200 MHz for Channel.
- Performance certified to exceed the Category 5e channel specifications.
- Exhibits a minimum of 6 times more headroom/ margin than that specified by standards in a Channel at 100 MHz.
- Cables and the Components are UL Listed and UL & ETL Verified for Channel Performance
- Supports IEEE 802.3 1000BASE-T plus other legacy LANs and applications

Performance Characteristics TIA/EIA-568-B2

FREQUENCY (MHz)	INSERTION LOSS (Attenuation) dB/100m		NEXT (db)		PSNEXT (db)		ELFEXT (db)		PSELFEXT (db)		RETURN LOSS (db)	
	Standard	Digi-Link	Standard	Digi-Link	Standard	Digi-Link	Standard	Digi-Link	Standard	Digi-Link	Standard	Digi-Link
0.72	1.8	1.3	67.0	80.2	64.0	77.20		86.6		70.0	17.0	21.8
1.00	2.3	2.0	62.8	74.2	59.8	72.20	56.8	77.3	53.8	69.5	17.0	22.7
4.00	4.4	4.0	53.6	73.0	50.6	63.00	45.4	65.0	42.4	57.3	17.0	29.8
8.00	6.3	5.8	48.6	70.7	45.6	59.20	39.3	58.7	36.3	50.9	17.0	32.0
10.00	7.1	6.5	47.0	67.3	44.0	56.80	37.4	49.6	34.4	49.0	17.0	34.6
16.00	9.1	8.2	43.6	63.0	40.6	54.00	33.3	45.5	30.3	44.9	17.0	31.3
20.00	10.2	9.2	42.0	58.2	39.0	51.30	31.4	43.6	28.4	42.9	17.0	29.4
25.00	11.4	10.4	40.3	52.0	37.3	49.40	29.4	41.9	26.4	40.9	16.0	23.7
31.25	12.9	11.6	38.7	48.0	35.7	46.60	27.5	46.0	24.5	39.1	15.1	24.8
62.50	18.6	16.7	33.6	42.9	30.6	40.80	21.5	41.8	18.5	33.9	12.1	19.0
100.00	24.0	21.4	30.1	40.2	27.1	36.90	17.4	39.4	14.4	31.2	10.0	18.4
200.00	**	31.1	**	35.0	**	31.90	**	30.8	**	24.0	**	15.3

** Extrapolated Values

Typical NEXT Loss



Typical Return Loss