

Mini5™ Category 5e UTP Patch Cable



Standards :

- . UL/CSA Listed CM, CMR , CMP , LSOH
- . UL and ETL verified to ANSI/TIA/EIA-568-B Category 5e
- . ISO/IEC-11801
- . NEMA WC 63.1

Application :

- . ANSI X3T9.5 TP-PMD (FDDI)
- . Proven support for Gigabit Ethernet/1000BASE-T/IEEE 802.3ab
- . ATM PMD 155 Mbps
- . IEEE 802.3 Fast Ethernet
 - 10 Base-T
 - 100 Base-T4
 - 100 Base-TX
- . IEEE 802.5
 - 4/16 Mbps Token Ring
- . IEEE 802.12
 - 100 Base-VG

Part Numbers:

- PVC: UTP4W5PB** (305Mtr/1000ft box)
- UTP4W5PRE** (500Mtr Reel)
- LSOH: UTP4W5PB-LS (305Mtr/1000ft box)

Box size: 370x370x180mm Kg

** =Colour code (Various colours available)

Construction

Type		No. of Pairs	Conductor	Insulation Thickness		Outer Diameter		Jacket	Insulation
				mm	Inch	Mm	inch		
Patch Cable	CM	4	24AWG (7/020mm)	0.20	0.0079	5.5	0.213	*Grey PVC	HDPE
	LSOH	4		0.20	0.0079	5.5	0.213	Violet LSOH	FRHDPE

*Grey cable = Pantone #400C

Electrical Properties :

ISO/IEC 11801, TIA/EIA 568-A

Impedance	: 100 ±15%
Max. d.c. resistance	: 14.8 •/100m (26AWG)
Max. resistance unbalance	: 3% (5% for TIA/EIA)
Min. Propagation Velocity	: 65%
Max. Mutual capacitance	: 5.6nF/100m
Max. capacitance unbalance	: 3400/3300 pF/Km (ISO/IEC, TIA/EIA)

Max. d.c. resistance	: 9.38•/100m (24AWG)
Max. d.c. loop resistance	: 19.2•/100m
Min. d.c. insulation resistance	: 150M•/Km
Max. Propagation delay skew	: 30 ns/100m

Frequency (MHz)	Attenuation Max. dB/100m	Pr-Pr NEXT Min. dB>=100m	Power Sum NEXT Min.dB dB>=100m	ACR Min . dB	Pr-Pr FEXT Min . dB>=100m	Power Sum ELFEXT Min.dB dB/100m
.772	2.2	67.0	64.0	65.2	66.0	63.0
1	2.4	65.3	62.3	63.3	63.8	60.8
4	4.9	56.3	53.3	52.2	51.7	48.7
8	6.9	51.8	48.8	46.0	45.7	42.7
10	7.8	50.3	47.3	43.8	43.8	40.8
16	9.9	47.3	44.3	39.1	39.7	36.7
20	11.1	45.8	42.8	36.5	37.7	34.7
25	12.5	44.3	41.3	33.9	35.8	32.8
31.25	14.1	42.9	39.9	31.2	33.9	30.9
62.5	20.4	38.4	35.4	21.4	27.8	24.8
100	26.4	35.3	32.3	13.3	23.8	20.8