



CATEGORY 6 UTP PATCH CORD

Datacom Category 6 patch cable assemblies meet the requirements for Category 6 performance. The Datacom Category 6 UTP system complies with all of the performance requirements for current applications such as 1000Base-T Gigabit Ethernet, 100Base-TX, Token Ring, ATM LAN 1.2 Gbps, 155 Mbps ATM, 100 Mbps TPPMD, ISDN, analog (broadband, baseband) and digital video and analog and digital (VoIP) voice.



COMPLIANCE

ANSI/TIA 568-C.2, ISO/IEC 11801 Class, EN 50173-1

PHYSICAL CHARACTERISTICS

Connector	RJ45 Plug
1.1 Housing	Polycarbonate, UL 94V-2, Transparent
1.2 Contact Material	Terminals Phosphor Bronze with 50-60 Micro inch Nickel Plated
1.3 Contact Finish	Min 50 Micro-inch, Gold Plated
Cable Conductor	UTP Stranded Copper Wire UL Material Approved, AWG 24 Jacket

ELECTRICAL CHARACTERISTICS

Impedance up to 250 MHz 100 C) Transmission characteristics (exceed ISO/IEC 11801 2nd edition Category 6)

Frequency	Return Loss	NEXT (dB)			
		1 m	2 m	5 m	10 m
1	19.8	65.0	65.0	65.0	65.0
16	23.4	62.5	61.7	60.1	58.6
50	21.0	52.7	52.0	50.6	49.5
100	18.0	46.8	46.2	45.0	44.2
150	16.2	43.4	42.8	41.8	41.2
200	15.0	41.0	40.5	39.6	39.1
250	14.0	39.1	38.6	37.9	37.6

ORDERING INFORMATION

Description	Order Code
Cat 6 UTP RJ45 to RJ 45 Patch Cord, PVC, White	DC-PC-RJC6-XM-WT (X=01,02,03,04,05 mtr)
Cat 6 UTP RJ45 to RJ 45 Patch Cord, LSZH, White	DC-PC-RJC6-XM-LSZH-WT (X=01,02,03,04,05 mtr)

Other colour and length are available upon request.