

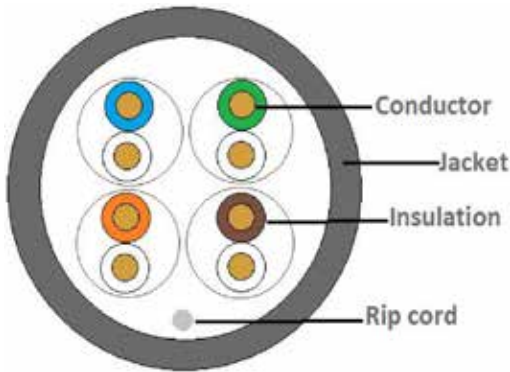
GENERAL INFORMATION ABOUT THIS PRODUCT:
MANUFACTURER 1000FT CABLES:
FEATURES AND BENEFITS:

TECHNICAL INFORMATION ABOUT THIS PRODUCT:
DESCRIPTION:

Category-5e UTP 1000' 8-Conductor solid, Bulk, CMP-Plenum Jacket, 24AWG CCA, Reel Box

STANDARD	APPLICATION
ISO/IEC 11801-2ED	10/100BASE(TIEEE 802.3)
ANSI TIA/EIA 568-B.2	ATM, TP-PMD, ANSI X39T.5(TP),LSDN,TP-DDI
EN 50173	ETHERNET, 1000BASE-T
EN-50288-3-1	GIGABIT-ETHERNET
	TOKEN RING(IEEE802.5)

Conductor	4 Pairs
Size	24 AWG
Insulation	HDPE
Insulation Diameter	0.91mm
Outer Diameter	5.1±0.2mm
Jacket	Plenum
Weight	20 lbs



Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair 3	Green, White-Green
Pair 4	Brown, White-Brown

JACKET COLOR

Blue		Yellow	
White		Black	
Gray		Green	
Red		Orange	



ELECTRICAL SPECIFICATION

Dielectric strength	2.5KV dc-2seconds
Conductor resistance	Max 15.6 ohm/100M at 20°C
Max. mutual capacitance	560 pf/100M
Max. capacity unbalance	330 pf/100M
Standard impedance	100±15 ohm between 1Mhz and 100Mhz
Minimum bending radius	50mm
Working temperatures	- 20 ~ 60°C
Performance DTX1800 Test	Pass 100M FLUKE Channel Test

ELECTRICAL CHARACTERISTICS

Frequency (Mhz)	ACR (dB)	RL (dB)	ATT (dB/100)	NEXT (dB)	PS.NEXT (dB)	ELFEXT (dB)	PS-ELFEXT (dB)
1	66.3	20	2.1	62.3	62.3	61	61
4	55.2	23	4.2	53.3	53.3	49	49
10	49	24.5	5.9	47.3	47.3	41	41
16	46.8	25	6.6	44.2	44.2	36.9	36.9
20	42.1	25	8.3	42.8	42.8	35	35
31.25	39.5	25	9.4	39.9	39.9	31.1	31.1
62.5	36.9	24.3	10.3	35.4	35.4	25.1	25.1
100	34.2	23.6	11.8	32.2	32.2	21	21