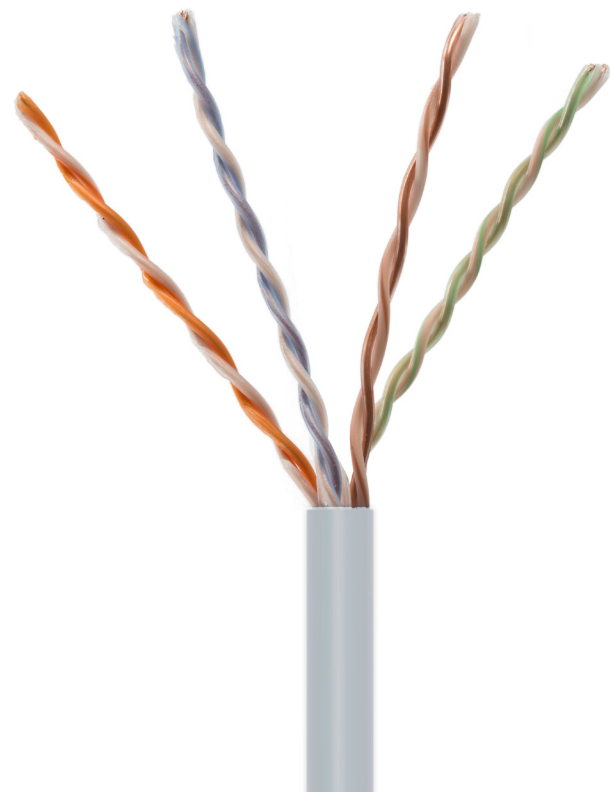
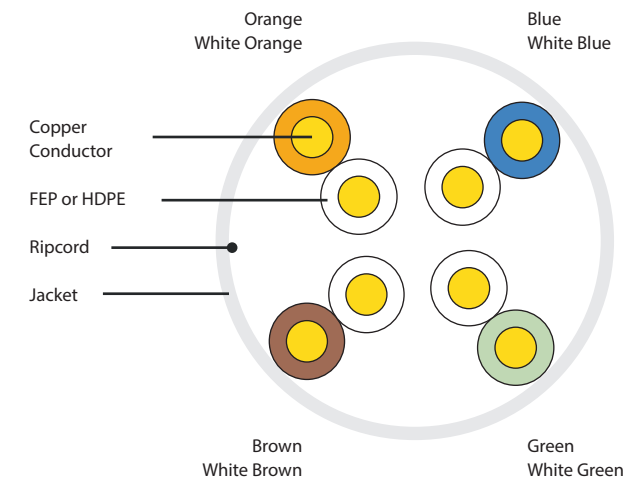




PRODUCT DESCRIPTION

Category 5e UTP Cable, Plenum & Riser Rated, 4 Pair (8 conductors) data cable.

FEATURES	
Certifications & Compliance	ANSI/TIA-568-C.2 ISO/IEC 11801 RoHS Reach ISO 9001 ISO 14001 UL – Safety ETL Verified
Packaging	1000' Reelex II
Options	Blue White Gray (non-stock)
Applications	10BASE-T 100BASE-T 1000BASE-T HDBase-T 622 Mbps ATM 1000 Mbps ATM POE VOIP

DESCRIPTION	PRODUCT ID
Category 5e UTP Cable, Plenum, 1000', Blue	CB5EUPBL01K0
Category 5e UTP Cable, Plenum, 1000', White	CB5EUPWH01K0
Category 5e UTP Cable, Plenum, 1000', Gray	CB5EUPGR01K0
Category 5e UTP Cable, Riser, 1000', Blue	CB5EUNBL01K0
Category 5e UTP Cable, Riser, 1000', White	CB5EUNWH01K0
Category 5e UTP Cable, Riser, 1000', Gray	CB5EUNGR01K0

Product Images Shown Are For Illustration Purposes Only

MECHANICAL SPECIFICATIONS

Conductor Material	Solid-Bare Copper	
Nominal O.D.	0.02 in (0.50 ± 0.005 mm)	
	Plenum	Riser
Insulation Material	FEP	HDPE
Insulation Diameter	0.03 in (0.85 ± 0.05 mm)	0.04 in (0.88 ± 0.05 mm)
Sheath Thickness	0.02 in (0.43 ± 0.05 mm)	0.02 in (0.50 ± 0.05 mm)
Sheath External O.D.	0.19 in (4.70 ± 0.40 mm)	0.20 in (5 ± 0.40 mm)
Sheath Material	PVC - CMP	PVC - CMR
Sheath Colors	Blue, White, & Gray (non-stock)	

ELECTRICAL SPECIFICATIONS

Electrical Characteristics (20 °C)

Impedance (Ω) 1.0 to 100.0 MHz	100 ± 15
Delay Skew (ns/100 m) 1.0 to 100.0 MHz	≤ 45
DC Resistance (Ω/100 m) max	9.50
DC Conductor Balance Unbalanced (%) max	5
Voltage Rating	300 Vrms (Max)

TEMPERATURE RANGE

Storage Temperature	-40 °F to +140 °F (-40 °C to +60 °C)
Installation Temperature	+32 °F to +140 °F (0 °C to +60 °C)
Operating Temperature	Plenum -4 °F to +167 °F (-20 °C to +75 °C) Riser -4 °F to +140 °F (-20 °C to +60 °C)

PERFORMANCE

Freq. MHz	Insertion Loss		NEXT		PSNEXT		ACR		PSACR		ACRF		PSACRF		RL	
	nflexon	TIA	nflexon	TIA	nflexon	TIA	nflexon	TIA	nflexon	TIA	nflexon	TIA	nflexon	TIA	nflexon	TIA
1	2.0	2.0	65.3	65.3	62.3	62.3	63.3	63.3	60.3	60.3	63.8	63.8	60.8	60.8	20.0	20.0
4	4.1	4.1	56.3	56.3	53.3	53.3	52.2	52.2	49.2	49.2	51.8	51.8	48.8	48.8	23.0	23.0
8	5.8	5.8	51.8	51.8	48.8	48.8	46.0	46.0	43.0	43.0	45.7	45.7	42.7	42.7	24.5	24.5
10	6.5	6.5	50.3	50.3	47.3	47.3	43.8	43.8	40.8	40.8	43.8	43.8	40.8	40.8	25.0	25.0
16	8.2	8.2	47.2	47.2	44.4	44.2	39.0	39.0	36.2	36.0	39.7	39.7	36.7	36.7	25.0	25.0
20	9.3	9.3	45.8	45.8	42.8	42.8	36.5	36.5	33.5	33.5	37.8	37.8	34.8	34.8	25.0	25.0
31.25	11.7	11.7	42.9	42.9	39.9	39.9	31.2	31.2	28.2	28.2	33.9	33.9	30.9	30.9	23.6	23.6
62.5	17.0	17.0	38.4	38.4	35.4	35.4	21.4	21.4	18.4	18.4	27.9	27.9	24.9	24.9	21.5	21.5
100	22.0	22.0	35.3	35.3	32.3	32.3	13.3	13.3	10.3	10.3	23.8	23.8	20.8	20.8	20.1	20.1

*All Values are in dB/100 m