

**CATEGORY 5E PLENUM CABLE**

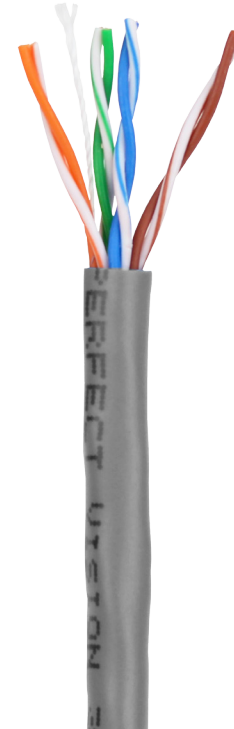
**ELECTRICAL CHARACTERISTICS**

Impedance:	100 ± 15 Ohms
Nominal Mutual Capacitance @ 1 KHz:	49.2 pf/meter
Maximum Capacitance Unbalance:	330 pf/100 m
Nominal Velocity of Propagation:	70%
Maximum Delay (ns/100m) @ 100 MHz:	538
Maximum Delay Skew:	45
Maximum DCR Unbalance @ 20° C:	5%
Maximum Conductor DC Resistance @ 20° C:	9.38 Ohms/100 m
Maximum Operating Voltage - UL:	300 V RMS
NEC/(UL) Specification:	CMP
NEC Article:	800

All the Cat5 certified to 100 MHz, swept to 350 MHz

**CONSTRUCTION CHARACTERISTICS**

Number of Pairs:	4
Total Number of Conductors:	8
AWG:	24
Conductor Stranding:	Solid
Conductor Material:	BC-Bare Copper
Insulation Material:	FEP
Outer Jacket Material:	LS PVC-Low Smoke Polyvinyl Chloride
Outer Jacket Ripcord:	Yes
Shipping Weight:	20 lbs/1,000 ft.
Max. Recommended Pulling Tension:	35 lbs.
Min. Bend Radius (Install):	0.5'
Operating Temperature Range:	-20°C to +60°C



Frequency (MHz)	Return Loss (Min. dB)	Attenuation (Max. dB/100m)	NEXT (Min. dB)
1.0	2.0	20.0	65.3
10	6.5	25.0	50.3
30	11.7	23.6	42.9
60	17.0	21.5	38.4
100	22.0	20.1	35.3
200	32.4	15.0	30.8