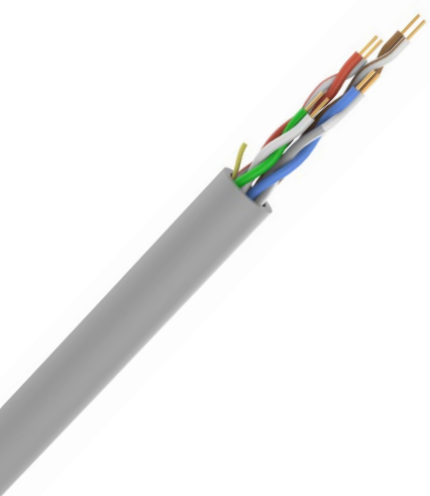


CAT5E UTP, 24AWG CCA, GRAY LSZH, 305M



Applications:

Horizontal Cable, Category 5e applications, such as: 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, FDDI, ATM



General

Cable Type	Category 5E
Operating Frequency	100MHz
Conductor	Copper Clad Aluminum
Number of Pairs	4
Isolation Material	HDPE
Isolation Color	Blue, White/Blue; Orange, White/Orange; Green, White/Green; Brown, White/Brown
Rip Cord	Yes
Jacket Material	LSZH
Jacket Color(s)	Gray
Print	Black ink. legible, cannot be wiped off by fingers
Packing	305M Pull Box

Dimensions

Conductor diameter	24AWG	0.020 in	
Isolation diameter	0.90 mm	0.035 in	
Diameter over jacket	5.10 mm	0.200 in	
Pull box	Length	360 mm	14.17 in
	Width	360 mm	14.17 in
	Height	210 mm	8.27 in

Mechanical

Operating Temperature	-40°C to + 70°C	
Bend Radius	Dynamic	51 mm Min.
	Static	25 mm Min.
Pull Tension	25 lbs Max.	
UV Resistance	ASTM D4329-92 (720hours UL1581)	

Electrical

Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class D EN 50173-1	
Operating Voltage	80 V Max.	
Characteristic Impedance	100 ± 15 Ohms	
Conductor DC Resistance	153 Ohms / km	47.0 Ohms / kft
DC Resistance Unbalance	5 % Max.	
Dielectric Strength	1500 Vac 2500 Vdc Min.	
Mutual Capacitance	5.6 nF / 100m	1.7 nF / 100ft
Pair to Ground Capacitance Unbalance	160 pF / 100m	48 pF / 100ft
Velocity of Propagation	69 % nominal	
Delay Skew	45 ns Max.	

Compliance

Applicable	RoHS2.0(2011/65/EU)
Reaction to fire	IEC 60332-1-2
	EN 50575:2014+A1:2016 EN 13501-6(Eca)
Warranty	3 years (indoor)



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