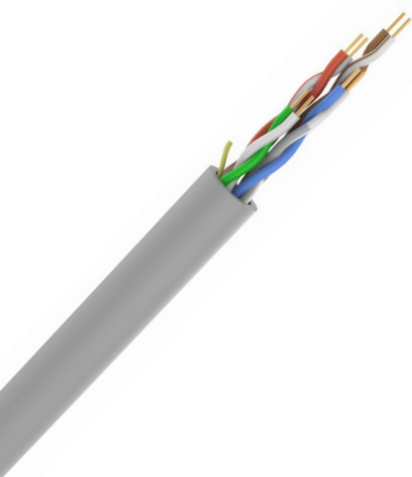


CAT5E UTP, 24AWG CU, GRAY LSZH, 305M



Application:

Premise Horizontal Cable, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, PoE++, PoE+, PoE



General

Cable Type	Category 5E	
Operating Frequency	100MHz	
Conductor	Solid Copper	
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	Gray	
Print	Black ink. legible, cannot be wiped off by fingers	
Packing	305M Pull Box	

Dimensions

Conductor diameter	24 AWG	0.019 in
Isolation diameter	0.87 mm	0.034 in
Diameter over jacket	4.80 mm	0.189 in
Pull box	Length	345 mm 13.6 in
	Width	345 mm 13.6 in
	Height	205 mm 8.1 in

Environmental & 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	102.0 Ohms / km	31.1 Ohms / kft
DC Resistance Unbalance	3 % 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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