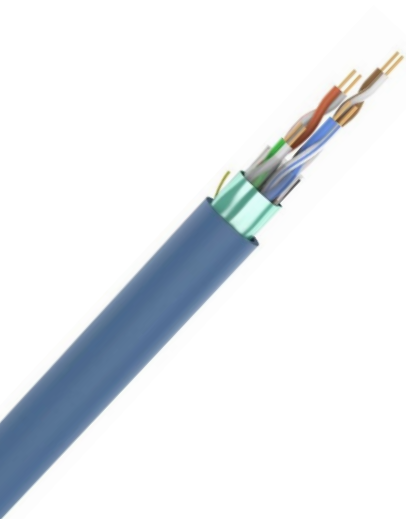


### CAT5E FTP, 24AWG CCA, BLUE LSZH, 305M



#### Applications:

Premise Horizontal Cable, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, Noisy Environments

#### 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
Shield Material	AL/Poly
Rip Cord	Yes
Jacket Material	LSZH
Jacket Color(s)	Blue
Print	Black ink. legible, cannot be wiped off by fingers
Packing	305M Plastic Reel in Box

#### Dimensions

Conductor diameter	24AWG	0.020 in	
Isolation diameter	1.02 mm	0.040 in	
Diameter over jacket	6.00 mm	0.236 in	
Outer box	Length	330 mm	12.99 in
	Width	300 mm	11.81 in
	Height	330 mm	12.99 in

#### Mechanical

Operating Temperature	-40°C to + 70°C	
Bend Radius	Dynamic	69.9 mm Min.
	Static	57.2 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	
Voltage Rating	80 V Max.	
Characteristic Impedance	100 ± 15 Ohms	
Conductor DC Resistance	153 Ohms / km	46.7 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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