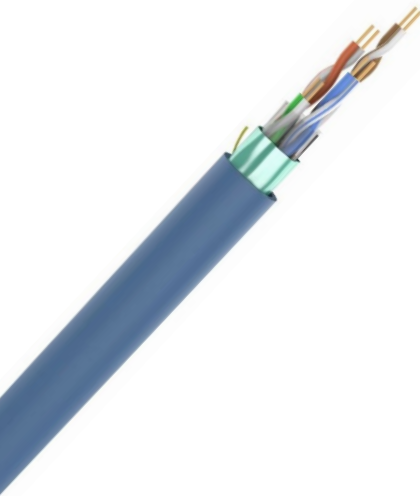


SY-FTP5E-LL

CAT5E FTP, 24AWG CU, BLUE LSZH, CPR Dca, 305M



Application:

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



General		
Cable Type	Category 5E	
Operating Frequency	100MHz	
Conductor	Solid Copper	
Number of Pairs	4	
Insulation Material	HDPE	
Insulation 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	Blue	
Packing	305M Pull Box	
Dimensions		
Conductor Diameter	24AWG	0.020 in
Insulation Diameter	1.00 mm	0.039 in
Diameter over Jacket	5.80 mm	0.228 in
Wooden Reel	Flange Diameter	370 mm
	Hub Diameter	110 mm
	Traverse Width	320 mm
		14.57 in
		4.33 in
		12.60 in
Mechanical		
Operating Temperature	-40°C to +70°C	
Bend Radius	Dynamic	70 mm Min.
	Static	50 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	95.0 Ohms / km	29 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	330 pF / 100m	101 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 50399; IEC 60754-2	
	EN 50575:2014+A1:2016 EN 13501-6(Dca s2,d2,a1)	
Warranty	3 years	



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