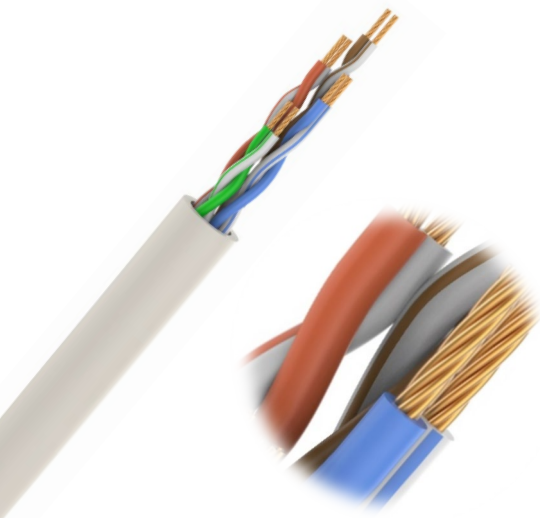




SY-UTP5ES-LW



CAT5E UTP, 24AWG STRANDED CU, WHITE LSZH, CPR Eca, 305M

General

Cable Type	Category 5E
Operating Frequency	100MHz
Conductor	Stranded Copper
Number of Pairs	4
Insulation Material	HDPE
Insulation Color	Blue, White/Blue; Orange, White/Orange; Green, White/Green; Brown, White/Brown
Rip Cord	Yes
Jacket Material	LSZH
Jacket Color	White
Packing	305M Pull Box

Dimensions

Conductor Diameter	24AWG	7*0.007
Insulation Diameter	0.92 mm	0.036 in
Diameter over Jacket	5.20 mm	0.205 in
Pull Box	Length	370 mm
	Width	370 mm
	Height	220 mm

Mechanical

Operating Temperature		-40°C to +70°C
Bend Radius	Dynamic	51 mm Min.
	Static	25 mm Min.
Pull Tension		25 lbs Max.
Flex Test		500 cycles Min. without crack
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	104.3 Ohms / km	31.8 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 50575:2014+A1:2016 EN 13501-6(Eca)
Warranty	3 years

Application:

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



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