

3Z-UFTP6A-LW

CAT6A U/FTP, 23AWG CU, WHITE LSZH, CPR Dca, 500M



Applications:

Horizontal and building backbone Cable. Support current and future category 6A and 6 applications: such as 10GBase-T (10 Gigabit Ethernet), 1000Base-T (Gigabit Ethernet), 100 Base-T, 10 Base-T, ISDN, ATM as well as PoE application etc



General			
Cable Type		Category 6A	
Operating Frequency		500MHz	
Conductor		Solid Copper	
Number of Pairs		4	
Insulation Material		FPE	
Insulation Color		Blue, White/Blue; Orange, White/Orange; Green, White/Green; Brown, White/Brown	
Individually Shield		AL Foil	
Drain Wire		Tinned Copper	
Rip Cord		Yes	
Jacket Material		LSZH	
Jacket Color		White	
Packing		500M Wooden Reel	
Dimensions			
Conductor Diameter		23AWG	0.022 in
Insulation Diameter		1.36 mm	0.054 in
Drain Wire Diameter		0.40 mm	0.016 in
Diameter over Jacket		7.20 mm	0.283 in
Wooden Reel	Flange Diameter	380 mm	14.96 in
	Hub Diameter	200 mm	7.87 in
	Traverse Width	250 mm	9.84 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 EA EN50173-1	
Operating Voltage		80 V Max.	
Characteristic Impedance		100 ± 20 Ohms	
Conductor DC Resistance		78 Ohms / km	23.8 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		160 pF / 100m	49 pF / 100ft
Velocity of Propagation		71 % 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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