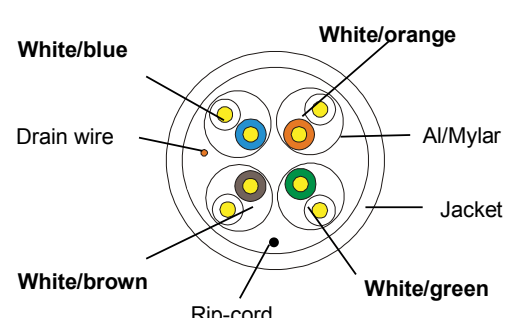


SCP PART#: CAT6A-U/FTP-LSZH-WT-B2

Rev02/22

DESCRIPTION:

B2ca RATED CAT6A - 10GBASE-T, 600MHz 23 AWG SOLID BC, 4PR, U/FTP, ANSI/TIA 568.2-D, ISO/IEC 11801 CLASS Ea, EN50575 B2ca-s1a,d1,a1 WHITE LSZH JKT- 1000FT/305M SPOOL

Content of the Data Sheet																																																																																																																																																				
Jacket Markings	STRUCTURED CABLE PRODUCTS --- CAT6A-U/FTP-LSZH --- CATEGORY 6A LOW SMOKE ZERO HALOGEN - 10GBASE-T 600MHZ U/FTP 4PR 23AWG SOL BC ANSI/TIA 568.2-D, ISO/IEC 11801 CLASS EA, IEEE 802.3bt EN50575 B2ca-s1a,d1,a1 EU RoHS ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***M MM/YY																																																																																																																																																			
Category	U/FTP- CAT6A-4P-LSZH(B2ca)																																																																																																																																																			
Reference Standard	ISO/IEC11801 Class Ea ANSI/TIA 568.2-D EN50575																																																																																																																																																			
Conductor	Material	SOLID-Bare Copper																																																																																																																																																		
	Nom.O.D.(mm)	0.560	up down	+0.005 -0.005																																																																																																																																																
Insulation	Material	Skin-foam-skin PE																																																																																																																																																		
	Diameter	1.290±0.05 mm																																																																																																																																																		
Screening Material	Al/Mylar	Drain wire	Yes																																																																																																																																																	
Sheath	Thickness	0.70±0.1 mm																																																																																																																																																		
	External O.D.	7.2±0.5 mm																																																																																																																																																		
	Surface	Clean																																																																																																																																																		
	Material	LSZH(complies RoHS)																																																																																																																																																		
	Color	TBD																																																																																																																																																		
Surface Printing	Letter height	3.0±0.3mm																																																																																																																																																		
	Color	Black																																																																																																																																																		
	Print error & Space	≤±0.5%, 1m																																																																																																																																																		
Core Color	1 White/Blue	2 White/Orange																																																																																																																																																		
	3 White/Green	4 White/Brown																																																																																																																																																		
Reel Dimensions	38 x 38 x 22cm																																																																																																																																																			
Packing Weight	18.3 kgs / 40.34 lbs																																																																																																																																																			
Rip-cord	Yes																																																																																																																																																			
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥10.0																																																																																																																																																	
		Elongation (%)	≥125																																																																																																																																																	
	Aging Period (°C × hrs)	100°C × 24h × 7d																																																																																																																																																		
	After Aging	Tensile Strength (Mpa)	≥8.0																																																																																																																																																	
		Elongation (%)	≥100																																																																																																																																																	
	Cold bend (-20±2°C × 4h) 8 times cable O.D. No visible cracks																																																																																																																																																			
Electrical Characteristics (20°C)	Impedance(Ω)	1.0-250.0MHz	100 ± 15																																																																																																																																																	
		250.0-500.0MHz	100 ± 22																																																																																																																																																	
	1.0-500.0MHz	Delay Skew (ns/100m)	≤45																																																																																																																																																	
	Unbalanced-to-ground capacitance(pf/100m)max		330																																																																																																																																																	
	DC Resistance (Ω/100m) max		9.38																																																																																																																																																	
	DC Conductor Resistance Unbalance (%) max		5.0																																																																																																																																																	
																																																																																																																																																				
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Reaction to fire Classification: B2ca,s1a,d1,a1																																																																																																																																																				