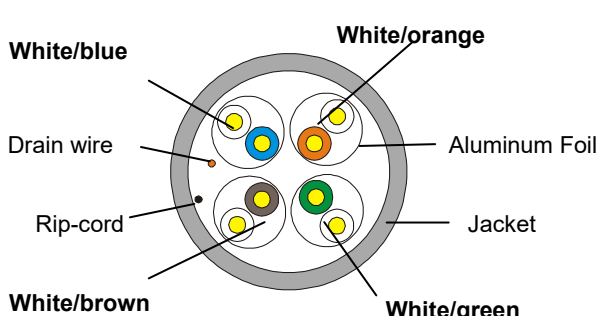


SCP PART#: CAT6A-SHP

Description	CAT6 SHIELDED PLENUM - AUGMENTED 10GBase-T 600 MHz ANSI/TIA-568-C.2 ISO/IEC 11801 ED2 CLASS Ea CMP Rated																																																																																			
Content of the Data Sheet																																																																																				
Sheath Printing	STRUCTURED CABLE PRODUCTS --- P/N CAT6A-SHP --- CAT6A CMP AUGMENTED 600 MHz U/FTP ETL VERIFIED , ANSI/TIA-568-C.2 ISO/IEC 11801 ED2 CLASS E(A) 4PR 23AWG 75C CE EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 **** FEET MM/YY																																																																																			
Customer reference																																																																																				
Category	U/FTP- CAT6A-4P-PVC-CMP																																																																																			
Test Standard	ISO/IEC11801,TIA-568-C.2																																																																																			
Conductor	Material	SOLID-Bare Copper																																																																																		
	Nom.O.D.(mm)	0.560	up down	+0.005 -0.005																																																																																
Insulation	Material	foam-FEP																																																																																		
	Diameter	1.340±0.08 mm																																																																																		
Screening Material	Aluminum Foil	Drain wire	Yes																																																																																	
Sheath	Thickness	0.50±0.05 mm																																																																																		
	External O.D.	7.3±0.5 mm																																																																																		
	Surface	Clean																																																																																		
	Material	PVC(complies RoHS),CMP																																																																																		
	Color	Multiple																																																																																		
Surface Printing	Letter height	3.0±0.3mm																																																																																		
	Color	Black																																																																																		
	Print error & Space	±0.5%, 1m																																																																																		
Core Color (With striped color)	1 White/Blue	2 White/Orange																																																																																		
	3 White/Green	4 White/Brown																																																																																		
Packing	Wooden reel, 36 reels each pallet																																																																																			
Weight:	N.W.:21.00KGS / G.W: 22.50KGS																																																																																			
Packing length	305±1.0m																																																																																			
Rip-cord	Yes																																																																																			
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥13.5																																																																																	
		Elongation (%)	≥150																																																																																	
	Aging Period (°C×hrs)	100°C×24h×7d																																																																																		
	After Aging	Tensile Strength (Mpa)	≥12.5																																																																																	
		Elongation (%)	≥125																																																																																	
	Cold bend (-20±2°C×4h) 8×Cable O.D., No visible cracks																																																																																			
Electrical Characteristics (20°C)	Delay Skew (ns/100m)	≤45																																																																																		
	Velocity of Propagation (%)	76																																																																																		
	unbalanced-to-ground capacitance (pf/100m) max	330																																																																																		
	DC Resistance (Ω/100m) max	9.38																																																																																		
	DC Conductor Resistance Unbalance (%) max	5.0																																																																																		
																																																																																				
FLUKE Channel Technical Performance (<90m)																																																																																				
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