

SCP PART#: CAT6A-F/FTP-XX-ETL

Description:

CAT6A F/FTP- 10GBASE-T, 600 MHz 23AWG SOLID BC, 4PR, F/FTP, ANSI/TIA 568.2-D, ISO/IEC 11801 CLASS Ea, IEEE 802.3bt, ETL CMR, PVC JKT - 1000 FT/305M SPOOL

Part Number:

CAT6A-F/FTP-BL-ETL
CAT6A-F/FTP-WT-ETL

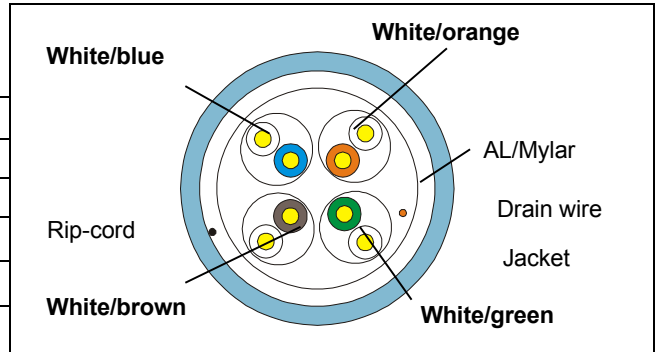
Jacket Color:

Blue
White

Regulatory:

ANSI/TIA 568.2-D ISO/IEC 11801 Class Ea
ETL CMR EU RoHS

Conductor	Material	SOLID-Bare Copper		
	Nom.O.D.(mm)	0.560	up	+0.005
Insulation	Material	Skin-foam-skin PE		
	Diameter	1.330±0.05 mm		
Screening Material	Al/Mylar	Drain wire	Yes	
Jacket	Thickness	0.50±0.05 mm		
	External O.D.	7.1±0.5 mm		
	Surface	Clean		
	Material	PVC(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		
Packing	Wooden Tray			
Wooden Tray dimension	According to requirements			
Packing length	305m / 1000 ft			
Rip-cord	Yes			
Jacket 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		
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		



Technical Performance (100m):				
Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	—	74.3	570
4.0	23.0	3.8	65.3	552
8.0	24.5	5.3	60.8	547
10.0	25.0	5.9	59.3	545
16.0	25.0	7.5	56.2	543
20.0	25.0	8.4	54.8	542
25.0	24.3	9.4	53.3	541
31.25	23.6	10.5	51.9	540
62.5	21.5	15.0	47.4	539
100	20.1	19.1	44.3	538
200	18.0	27.6	39.8	537
250	17.3	31.1	38.3	536
300	16.8	34.3	37.1	536
400	15.9	40.1	35.3	536
500	15.2	45.3	33.8	536
Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB	
1	72.3	67.8	64.8	
4	63.3	55.8	52.8	
8	58.8	49.7	46.7	
10	57.3	47.8	44.8	
16	54.2	43.7	40.7	
20	52.8	41.8	38.8	
25	51.3	39.8	36.8	
31.25	49.9	37.9	34.9	
62.5	45.4	31.9	28.9	
100	42.3	27.8	24.8	
200	37.8	21.8	18.8	
250	36.3	19.8	16.8	
300	35.1	18.3	15.3	
400	33.3	15.8	12.8	
500	31.8	13.8	10.8	

Marking:

STRUCTURED CABLE PRODUCTS --- P/N CAT6A-F/FTP-ETL --- CAT6A AUGMENTED 600 MHz F/FTP ETL VERIFIED TO ANSI/TIA-568.2-D ISO/IEC 11801 CLASS E(A) 4PR 23AWG CMR-- 75C EN50575:2014 CE Eca EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 **** FEET MM/YY

Packaging:

Approx.Weight(kg)	Approx.Dimension(mm)	Package	Packages per pallet
17.60kgs / 38.80 lbs	380x380x220	1000ft/Spool	36