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SCP PART#: CAT6-LSZH-PUR-B2

UPC: 817777015577

DESCRIPTION:

B2ca RATED CAT6 UTP - 550 MHz 23AWG SOLID BC, 4PR, UTP ANSI/TIA 568-2.D, EN50173-1, ISO/IEC 11801 CLASS E, EN50575:2014 B2ca-s1a,d1,a1 - VIOLET LSZH JKT- 1000FT/305M RIB

Sheath Printing	STRUCTURED CABLE PRODUCTS --- CAT6-LSZH-B2--- LOW SMOKE ZERO HALOGEN - ENHANCED 550MHZ UTP ANSI/TIA 568.2-D ISO/IEC 11801 CLASS E 4PR 23AWG SOL BC EN50575:2014 CE B2ca-s1a,d1,a1 EU RoHS EC ZONE/DEVICE A B C D E 0 1 2 3 4 5 6 7 8 9 ***M MM/YY				
Customer No.		Customer Reference			
Category	U/UTP CAT6-4P-LSZH (B2ca)				
Reference Standard	ISO/IEC11801,TIA-568-C.2				
Conductor	Material	SOLID-Bare Copper			
	Nom.O.D.(mm)	0.550	up down	+0.005 -0.005	
Insulation	Material	HDPE			
	Diameter	0.98±0.05mm			
Filling	Plastic Separator : FRPE				
Sheath	Thickness	1.0±0.2 mm			Technical Performance:
	External O.D.	6.8±0.4 mm			Frequency (MHz) RL (≥dB) ATT (20°C) (≤dB) NEXT (≥dB) PHASE DELAY (≤ns)
	Surface	Clean,Frap,Satiation			1 20.0 2.03 74.3 570.00
	Material	FR-LSZH(complies RoHS)			4.0 23.0 3.78 65.3 552.00
	Color	TBD			8.0 24.5 5.32 60.8 546.73
Surface Printing	Letter height	3.0±0.3mm			10.0 25.0 5.95 59.3 545.38
	Color	Black			16.0 25.0 7.55 56.2 543.00
	Print error & Space	≤±0.5%, 1m			20.0 25.0 8.47 54.8 542.05
Core Color	1 White- Blue /Blue	2 White-Orange /Orange			25.0 24.3 9.51 53.3 541.20
	3 White-Green /Green	4 White- Brown /Brown			31.25 23.6 10.67 51.9 540.44
Packing	305meters Reel-in-box 38.5cm x 32.5cm x38.5cm				62.5 21.5 15.38 47.7 538.55
Weight:	N.W.18.5kgs, G.W 21.0KGS			100 20.1 19.80 44.3 537.60	
Packing length	305, 27 boxes or 18 boxes each pallet			200 18.0 28.98 39.8 536.54	
Rip-cord	Yes	Drain wire	No	250 17.3 32.85 38.3 536.27	
Sheath Physical Properties	Before Aging	Tensile Strength (Mpa)	≥9.0	Frequency (MHz) PSNEXT (≥dB) ELFEXT (≥dB) PSELFEXT (≥dB)	
		Elongation (%)	≥100	1 72.3 67.8 64.8	
	Aging Period (°C×hrs)	100°C×24h×7d		4 63.3 55.8 52.8	
	After Aging	Tensile Strength (Mpa)	≥8.0	8 58.8 49.7 46.7	
		Elongation (%)	≥70	10 57.3 47.8 44.8	
	Cold bend (-20±2°C×4h) 15times cable O.D. No visible cracks			16 54.2 43.7 40.7	
	Operation Temperature: -20°C~+80°C			20 52.8 41.8 38.8	
Electrical Characteristics (20°C)	1.0-250.0MHz, Characteristic impedance (Ω)	100±15		25 51.3 39.8 36.8	
	1.0-250.0MHz, Delay Skew 20°C(ns/100m)	≤45		31.25 49.9 37.9 34.9	
	DC Resistance (Ω/100m) max	9.38		62.5 45.4 31.9 28.9	
	DC Conductor Resistance Unbalance (%) max	5.0		100 42.3 27.8 24.8	
				200 37.8 21.8 18.8	
				250 36.3 19.8 16.8	
Reaction to fire Classification: B2ca,s1a,d1,a1					