

SCP PART#: CAT3-25PR

Description:

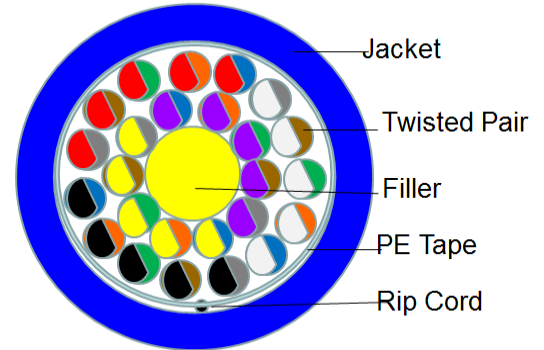
CAT3 25 PAIR - 24 AWG SOLID BC 25 PAIR UTP, UL CMR, PVC JKT- GRAY- 1000 FT SPOOL

Rev: 01/22

Regulatory

UL 444 ANSI/TIA 568.2-D and ISO/IEC 11801
 Type (UL) CMR or c(UL) FT4
 EU RoHS 2011/65 EU Compliant

Application: Lan Cable



Construction Characteristics:

Conductor	Material	Solid Bare Copper	
	Size	24AWG X 25P	
	Construction	1/0.51+/-0.004mm	
Insulation	Material	HDPE	
	Min.Thickness	0.185mm	
	AVG.Thickness	0.205mm	
	Diameter	0.90+/-0.05mm	
	Colors		White/Blue
			White/Orange
			White/Green
			White/Brown
			White/Gray
			Red/Blue
			Red/Orange
			Red/Green
			Red/Brown
			Red/Gray
			Black/Blue
			Black/Orange
			Black/Green
			Black/Brown
			Black/Gray
			Yellow/Blue
			Yellow/Orange
			Yellow/Green
			Yellow/Brown
			Yellow/Gray
			Violet/Blue
			Violet/Orange
			Violet/Green
			Violet/Brown
		Violet/Gray	
Filler		Material	FOAM PE
Screen		Material	PE Tape
Sheath		Material	PVC
	AVG. Thickness	1.1mm	
	Min. Thickness	0.95mm	
	Diameter	12.0+/-0.40mm	
	Rip Cord	Nylon	
	Color	Blue	
Bend radius	Min 40D/480mm		

Electrical & Physical Characteristics:

Operating Temperature Range	- 20°C + 75°C		
Minimum installation temperature	0°C + 40°C		
Conductor Resistance	Max 93.8 ohm/km at 20°C		
Dielectric Strength	Min AC1.5KV		
Minimum Flexing Bend Radius	>40x the jacket diameter		
Rated Voltage	Max 300Volts		
DC Resisitance Unbalance	Max 5%		
Pair-to-Ground Capacitance Unbalance	Max 3300pF/km		
Characteristic Impedance	100+/-15OHM		
Nominal Velocity of Propagation(%)	67~69		
Propagation Delay	Max 536ns/100m		
Delay Skew	Max 45ns/100m		
Marking:			
STRUCTURED CABLE PRODUCTS --- CAT3-ETL --- ETL LISTED 5002121 (ETL) C(ETL) CMR FT4 75C 24AWG SOL BC 25PR -----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 DDDMMYY			
Packaging:			
Approx.Weight	Approx.Dimension(mm)	Package	Packages per pallet
61.4kgs/135.362lbs	550X320X250	1000ft/SPOOL	8/12

ELECTRICAL CHARACTERISTICS

MUTUAL CAPACTANCE:	18.0 PF/FT@1 MHZ
ATTENUATION :	7.8 DB/M' @ 1 MHZ
IMPEDANCE:	100 OHMS @ 1MHZ
D.C.RESISTANCE:	27.0 OHMS/M