

SP-CAT7A-1000-XX

S/FTP, 23AWG Solid Bare Copper, CAT 7A, 1000MHz, CMR, Foil Screen

Features

- High transmission performance
- Twisted pair construction

Application

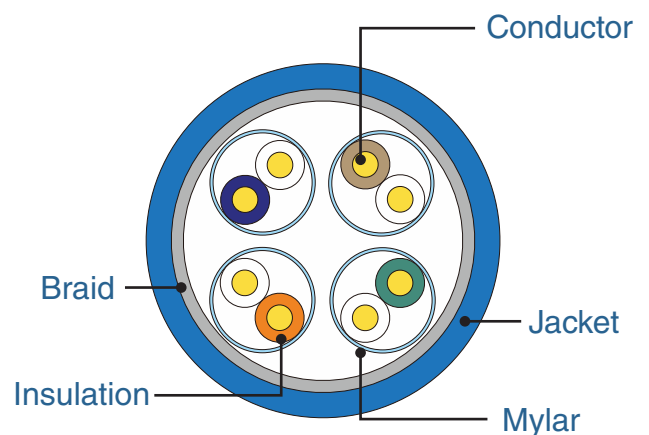
- Structure cabling for horizontal and backbone cable
- Audio and video application via analog and digital data transmission
- Protection from EMI noise.
- IEEE 802.3an 10GBASE-T, and legacy transmission speeds
- CDDI / ATM / Token Ring
- IEEE 802.3af (PoE) / IEEE 802.3at (PoE+)

Flame Test

- UL 1666 (CMR)

Applicable Standards

- Electrical Transmission
 - ISO/IEC 11801 (Edition 2.2)
 - IEC 61156-5 (Edition 2.1)
- Materials and Construction
 - UL 444
 - CSA 22.2 No.214
- EU Directive 2011/65/EU (RoHS2)
- EU Directive 2006/95/EC (LVD)
- CE compliance date: 2010.01.01



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BULK WIRE

Material and Construction		
Conductor Material	23AWG solid bare copper	
Insulation Material	Polyolefin (PO)	
Insulation	Color Code	Diameter
	Blue and White	1.45 ± 0.02 mm
	Orange and White	1.45 ± 0.02 mm
	Green and White	1.45 ± 0.02 mm
Shielding	Brown and White	1.45 ± 0.02 mm
	Material	Mylar Tape
	Description	100% Coverage AL-Foil Sheilding
	Material	Tinned Copper
Braid	Description	>40 % coverage
	Material	Flame retardant polyvinyl chloride (FRPVC)
Jacket	Diameter	8.00 ± 0.2 mm
	Thickness	0.50 ± 0.05 mm
	Color	Various
	Marking	WIREFATH™ BULK WIRE BY SNAPAV CAT 7A 23AWG 4PAIR S/ FTP SOLID BARE COPPER 1000MHz E325177-XX c(UL)us CMR FT4 75C TIA-568-C.2 RoHS DDMMYY 0000/1000 FT

Note: DDMMYY = date code

Usage & Environmental Condition		
Temperature Range	Storage & Shipping	-20°C to 75°C
	Installation	0°C to 60°C
	Operation	-20°C to 60°C
Min. Bending Radius	≥ 4 times overall diameter	
Max. Pulling Tension	≤110 N	

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BULK WIRE

Physical & Electrical Characteristics (at 20°C)	
Temperature and Voltage Rating	75°C/ 300V
Spark Test	2.5 KV DC
AC Current Leakage	≤ 10mA (1.5KV AC)
Cold Bend	-20°C for 4 hr
DC Conductor Resistance	≤ 9.58 Ω /100m
Unbalanced Resistance	≤ 2%
Dielectric Strength	1.7 KV ac for 2 s
Insulation Resistance	≥ 5000 MΩ • m
Pair-to-Ground Unbalanced Capacitance	≤ 160 pF/100m