

# WIREFATH

## BULK WIRE

### SP-CRSTDM-500

24AWG, 4 Pair (Solid) F/UTP, CMR

### Features

- Oxygen - Free Copper conductors ensure signal integrity
- 350MHz-certified twisted-pair cable with overall foil shield (F/UTP) that is engineered to deliver optimum performance for use in data networking and high-definition AV signal distribution applications

### Application

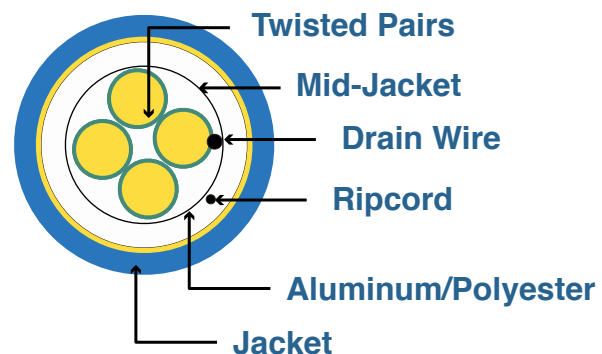
- Telephone and other communication circuits such as voice data and audio for on-premise customer systems
- 350 MHz ultra high-performance shielded CAT5e (F/UTP)
- Optimized for high-definition digital AV and Ethernet data networking applications
- Precision manufactured and tested to exceed CAT5e specifications

### Flame Test

- F/UTP
- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 444
- UL Certification: (UL) CM, c(UL) CM, FT4

### Applicable Standards

- UL & c(UL) Flame Test: CMR & FT4
- NEC Article 800
- UL Subject 444, Type CMR
- ANSI/TIA/EIA-568-C.2 Category 5e



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Material and Construction		
4 Twisted Pairs	Solid Oxygen Free Bare Copper	
AWG	24	
Construction	1/0.55mm	
Insulation	PE	
	Nom. Thickness (mm):	0.25 ± 0.04
	Insulation Diameter (mm)	1.05 ± 0.05mm
Mid-Jacket:	Gray PVC	
	Nominal Thickness (mm)	0.355
	Outer Dia. (± 0.15mm)	4.7
Drain Wire	1/0.40 TG	
Shield	Aluminum/Polyester Tape	
	Coverage (%)	> 125%
	Ripcord	Nylon (150D)
Outer Jacket	PVC	
	Nom. Thickness (mm)	0.41
	Outer Dia. (± 0.20mm)	6.6
Marking	WIREFATH™ BULK WIRE BY SNAPAV CRSTDM 24AWG 4PR F/UTP OXYGEN FREE COPPER E325177-HY (UL) CM or c(UL) CMG FT4 75C "ROHS" DDMMYY XXX/XXX FT	

Performance	
Physical & Electrical Characteristics (at 20°C)	
Minimum Bending Radius	≥ 20 * Φ
Spark test	2500V DC
Cable cold bend	-20°C for 4 hours
Conductor DC resistance	≤ 93.8 Ohms/KM
Characteristic Impedance	100 ±15Ω (1~250Mhz)
Mutual Capacitance	17.1 pF/FT
Propagation Delay (skew)	≤ 45ns/100m
Velocity of propagation	69%
Pair to ground Capacitance Unbalance ≤ 330pF/100m	

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Color and Packaging		
Insulation	1 Pair: Blue & White-blue	
	2 Pair: Orange & White-orange	
	3 Pair: Green & White-green	
	4 Pair: Brown & White-brown	
Jacket	Blue: Pantone 3005U	
Packaging	500ft. on Spool	
	Dimensions (in)	15.0" x 7.1" x 7.9"
	Dimensions (mm)	380mm x 180mm x 200mm
	Weight (lbs)	16.5

Values above 250MHz are for information only.