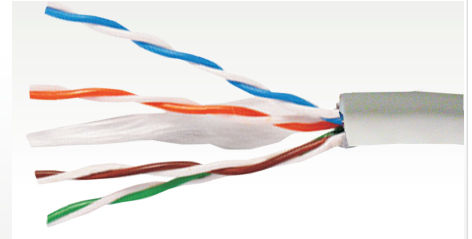


Model No. SP1101E

Cat.5e (UTP) Bulk Cable

305 m (1,000 ft.), Solid



Introduction

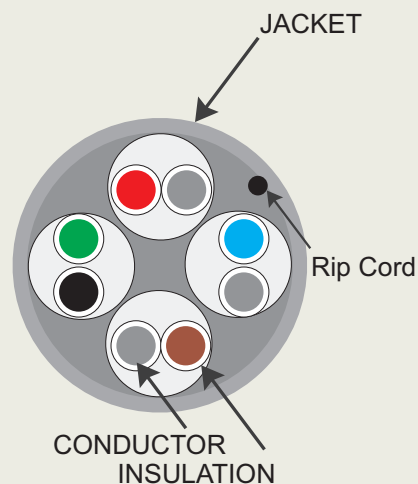
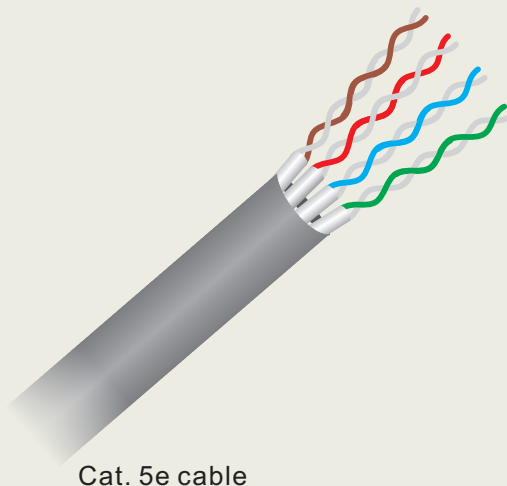
Micronet SP1101E Cat.5e Bulk Cable networks the infrastructure that enables high-Speed transmission of data, voice and video applications - up to 100 MHz.

This Cat.5e Bulk Cable meets ANSI/TIA standards, and is flame-retardant rated.

Key Features

- Standards tested: meets or exceeds current Cat.5e proposed standards
- Length usage log on box: track remaining cable available for next job
- UTP (unshielded twisted pair)
- For Data, Voice and Video
- Flame retardant rating: CM; in-wall rated; permitted in one- and two-family residential riser applications, or in riser with raceway/fireproof shaft; not permitted in plenums

Application



Cat.5e (UTP) Bulk Cable

SPECIFICATION AND PRODUCT FEATURES

Model	SP1101E		
Category	Cat.5e		
Cable Type	UTP 4PR		
Wiring Standard	ANS I/TIA-568 C.2 & UL444 & ISO/IEC 11801		
Length (M)	305		
Certification	UL		
Construction			
Conductor	Size	24Awg	
	Construction	Solid Bare Copper	
	Cond. Diam.	1/0.492 ± 0.02 mm	
Insulation	Avg. Thick.	0.195 mm	
	Min. Thick.	0.185 mm	
	Diameter	0.88± 0.02 mm	
	Material	Polyolefin(PO)	
Color Codes	1. Blue × White/Blue Stripe		
	2. Orange × White/Orange Stripe		
Twist/Assembly	Left Hand Direction		
	Right Hand Direction		
Rip Cord	Material	Polyester multi-yarn	
	Avg. Thick.	0.45 mm	
	Min. Thick.	0.41 mm	
Jacketed	Diameter	4.80 ± 0.20 mm	
	Material	FRPVC	
	Color	Gray or Other Color	
Electrical & Physical Properties			
Item	24Awg × 4P		
Rating Temp Voltage	75°C 300V		
Conductor Resistance	9.38 OHM/100M/20°C Max.		
Mutual Capacitance	56 pF/M Max.		
Dielectric Strength	AC 1.5 KV/2 Sec.		
Spark Test	2.5 KV		
Insulation	Unaged	Tensile Strength	2400 Psi Min. (1.69 Kg/M ²)
		Elongation	300% Min.
	Aged	Tensile Strength	Unaged Min. 75% (100°C x 48Hrs)
		Elongation	Unaged Min. 75% (100°C x 48Hrs)
Jacketed	Unaged	Tensile Strength	2000 Psi Min. (1.41 Kg/M ²)
		Elongation	100% Min.
	Aged	Tensile Strength	Unaged Min. 85% (100°C x 240Hrs)
		Elongation	Unaged Min. 50% (100°C x 240Hrs)
Insulation Shrinkback	150m/m, 121°C±1°C×1HR ≤ 9.5m/m		
Cold Bend Test	-20°C×4HRS No.Crack		
Flame Retardant Test	CM		
Ac Leakage Current Through Overall Jacket	AC 1500V ≤ 10 mA		
Dc Resistance Unbalance	5% Max.		
Pair-To-Ground Capacitance Unbalance	330 pF/100m Max.		
Characteristic Impedance	1 ~ 100 MHz 100±15 Ohms		
Structural Return Loss	100 MHz 16.0dB Min.		
Propagation Delay	100 MHz 538nS/100m Max.		
Delay Skew	1 ~ 100 MHz 45nS/100m Max.		

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP1101E-305	Cat.5e (UTP) Bulk Cable

Micronet Communications Inc.

E-mail: sales@micronet.com.tw ; support@micronet.com.tw ; Web: www.micronet.com.tw

Micronet[®]
Making Communication Easier



Model No. SP1101E
Cat.5e (UTP) Bulk Cable

COMPANION PRODUCTS

Consider the following Micronet products as a factor in your network planning.

- Ethernet and PoE
- Wireless LAN
- Broadband • ADSL & VDSL
- Network Video Surveillance
- Network / Server Appliance
- Network Structured Cabling

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