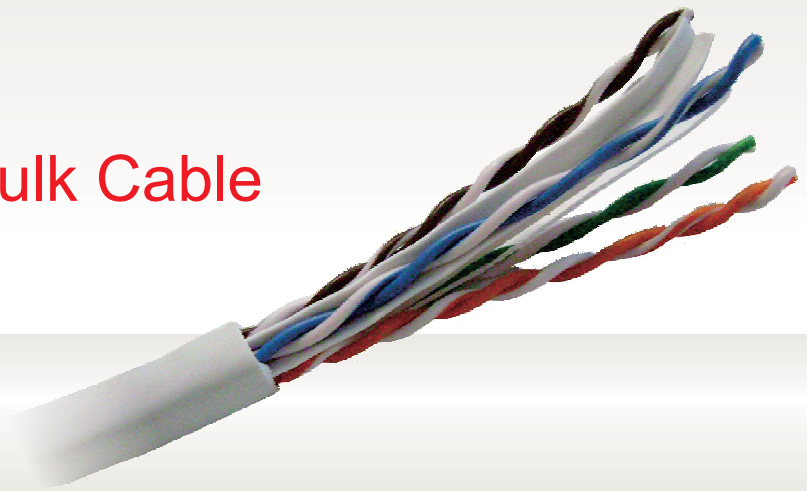


Model No. SP1101X

## Cat6 (SF/UTP) Bulk Cable

305 m (1,000 ft.), Solid



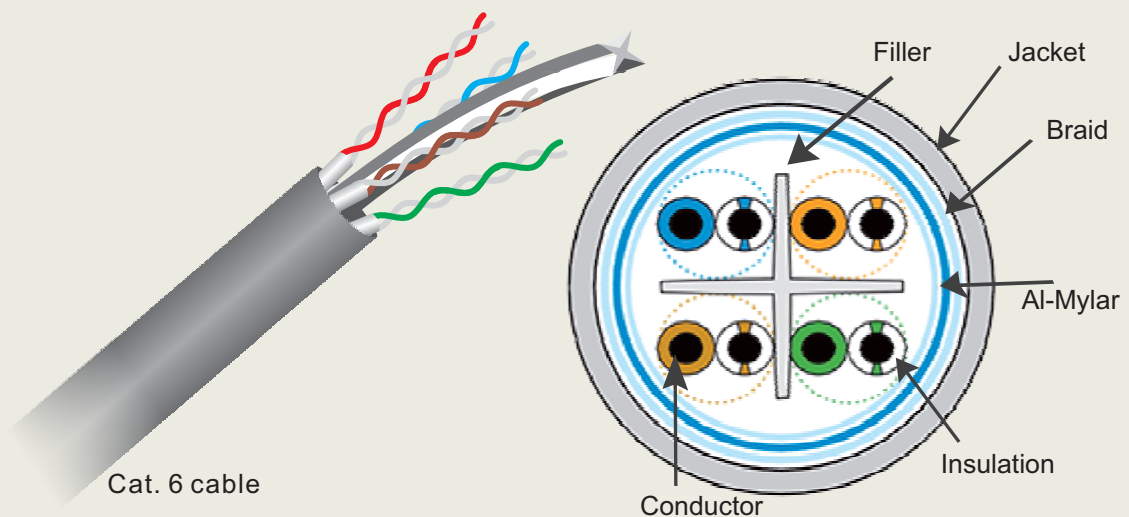
### Introduction

Micronet SP1101X Cat6 Bulk Cable networks the infrastructure that enables high-speed transmission of data, voice and video applications - up to 250 MHz. This Cat6 Bulk Cable meets EIA/TIA standards, and is flame-retardant rated.

### Key Features

- 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
- Standards tested: meets or exceeds current Cat6 proposed standards
- Length usage log on box: track remaining cable available for next job
- SF/UTP (Shielded Foiled, unshielded twisted pair)
- Suitable For Data, Voice and Video

### Application



## Cat.6 (SF/UTP) Bulk Cable

### SPECIFICATION AND PRODUCT FEATURES

Model	SP1101X		
Category	Cat.6		
Cable Type	SF/ UTP		
Wiring Standard	ANSI/TIA -568C.2.UL444 & ISO/IEC 11801		
Length (M)	305		
Certification	UL		
Construction			
Conductor	Size	23Awg	
	Construction	Solid Bare Copper	
	Cond. Diam	1/0.540 ± 0.02mm	
Insulation	Diameter	1.06 ± 0.02mm	
	Material	Hdpe	
	Color Codes	1.Blue × White/Blue Stripe	
		2.Orange × White/Orange Stripe	
3.Green × White/Green Stripe			
		4.Brown ×White/Brown Stripe	
Shielded	Pair Stranded	2 Cores Stranded	
	Filler(Slot)	PE Isolator Separator	
	Assembly Stranded	4 Pair Stranded	
	SHIELDED	AL-MYLAR TAPE/ BRAID	
	Coverage rate	41%	
Jacketed	Avg. Thick.	0.50mm	
	Min. Thick.	0.47mm	
	Diameter	7.40 ± 0.2mmr	
	Material	PVC	
	Color	White	

### Electrical & Physical Properties

Item	23Awg.4p		
Rating Temp Voltage	75 °C 300V		
Conductor Resistance	9.38 OHM/100M/20° C Max.		
Mutual Capcitanace	56 pE/M Max.		
Dielectric Strength	AC1.5KV/2 Sec.		
Spark Test	2.5 KV		
Insulation	Unaged	Tensile Strenght	2400 Psi Min (1.69Kg/M M <sup>2</sup> )
		Elongation	300% Min
	Aged	Tensile Strenght	Unaged Min.75% (100°C x 48Hrs)
		Elongation	Unaged Min.75% (100°C x 48Hrs)
Jacketed	Unaged	Tensile Strenght	2000 Psi Min (1.41Kg/M M <sup>2</sup> )
		Elongation	100% Min
	Aged	Tensile Strenght	Unaged Min.85% (100°C x 240Hrs)
		Elongation	Unaged Min.50% (100°C x240Hrs)
Insulation Shrinkback	150m/m.121°C ± 1°C x 1Hr ≤9.5m/m		
Cold Bend Test	-20°C x 4HRS No.Crack		
Flame Retardant Test	PVC		
Dc Resistance Unbalance	5% Max.		
Pair-To-Ground Capacitance Unbalance	330 pF/100m Max.		
Propagation Delay	250 MHz 536.3nS/100m Max.		
Delay Skew	1~250 MHz 45nS/100m Max.		

The product specifications are subject to change with prior notice

### ORDERING INFORMATION

Model	Description
SP1101X	Cat.6 (SF/ UTP)Bulk Cable

Micronet Communications Inc.

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



**Cat.6 (SF/UTP) Bulk Cable**  
Model No. SP1101X

### COMPANION PRODUCTS

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

Ethernet and PoE

Wireless LAN

Broadband · ADS & VDSL

Network Video Surveillance

Network / Server / Appliance

Network / Structured Cabling

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