Micronet®
Making Communication Easier

Model No. SP1101H

Cat6 (U/UTP) Bulk Cable

305 m (1,000 ft.), Solid
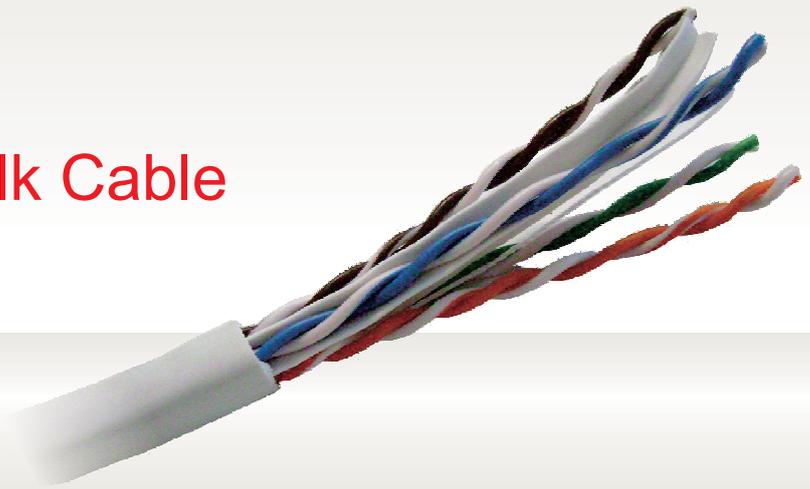
Introduction

Micronet SP1101H Cat6 Bulk Cable networks the infrastructure that enables

high-speed transmission of data, voice and video applications - up to 600 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
- High speed transmission bandwidth up to 600 MHz
- Length usage log on box: track remaining cable available for next job
- U/UTP (Unshielded twisted pair)
- Suitable For Data, Voice and Video

Application

Cat. 6 cable
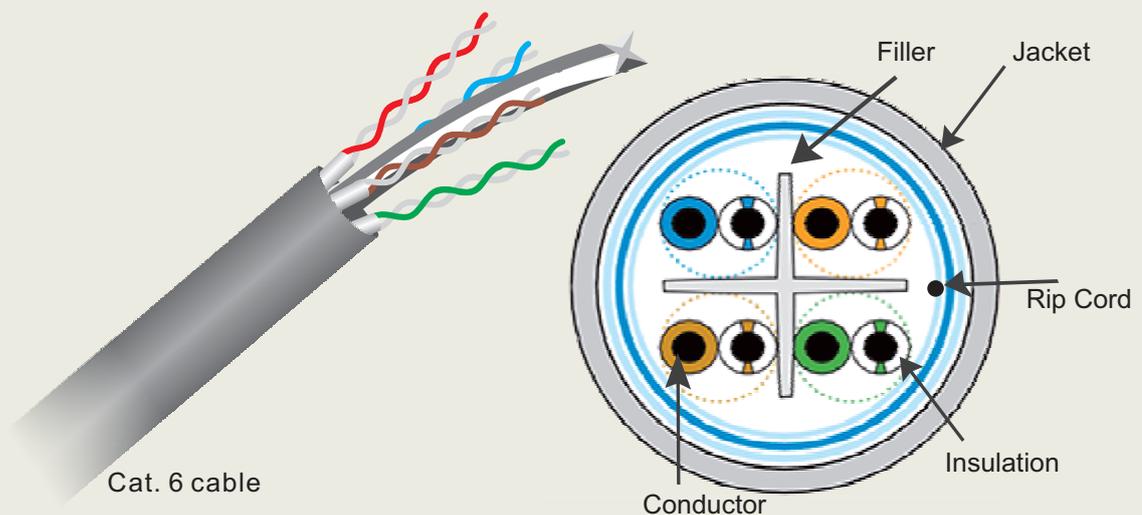
Cat.6 (U/UTP) Bulk Cable

SPECIFICATION AND PRODUCT FEATURES

Model	SP1101H
Category	Cat.6
Cable Type	U/ UTP
Wiring Standard	ANSI/TIA -568C.2.UL444 & ISO/IEC 11801
Length (M)	305
Certification	UL

Construction

Conductor	Size	23Awg
	Construction	Solid Bare Copper
Insulation	Diameter	0.95 ± 0.02mm
	Material	PO
	Color Codes	1.Blue × White/Blue Stripe
		2.Orange × White/Orange Stripe
		3.Green × White/Green Stripe
		4.Brown ×White/Brown Stripe
Twisted	Description	Left hand direction
Assembly	Material	Polyolefin (PO)
Filler	Description	Left hand direction
Rip cord	Material	Polyester multi-yarn
Jacketed	Avg. Thick.	0.50mm
	Min. Thick.	0.47mm
	Diameter	6.0 ± 0.2mm
	Materiai	PVC
	Color	White

Electrical & Physical Properties

Rating Temp. Voltage	75 °C 300V
Spark Test	2.5 KV DC
AC leakage current through overall jacket	≦10mA (1.5KV AC)
Cable Cold Bend	-20°C x 4HRS
Conductor DC Resistance	≦9.38 Ω/100m
Resistance Unbalance	4% Max.
Dielectric Strength	1.5KV AC for 2 s
Insulation Resistance	5000 MΩ.m Min.
Mutual Capacitance	5.6 nF/100m Max.
Capacitance unbalance Pair-to-ground	330 pF/100m Max.

The product specifications are subject to change without prior notice

ORDERING INFORMATION

Model	Description
SP1101H	Cat.6 (U/ UTP)Bulk Cable

Cat.6 (U/UTP) Bulk Cable
Model No. SP1101H

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 / Stuctured Cabling

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