



Category 3 U/UTP 2 Pair Copper Cable, Unshielded

Features & Benefits

- Small diameter for easy installation
- High-quality insulation for single conductors
- Durable length markings to reduce waste of cable

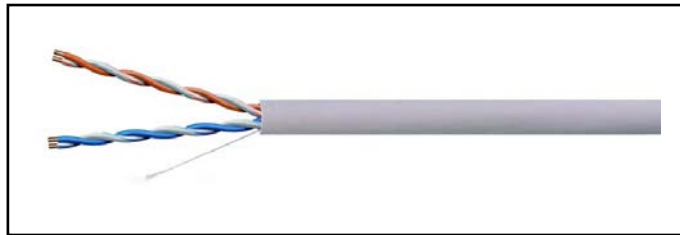
Compliance & Standards

- ISO/IEC 11801
- ANSI/TIA/EIA-568.2-D

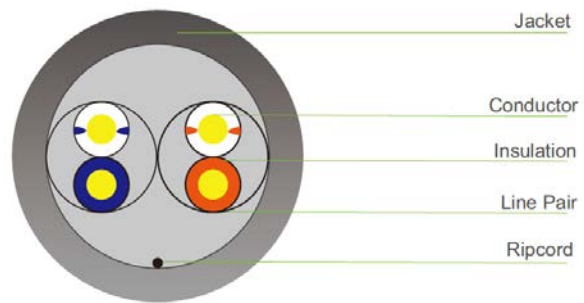
Applications

- Indoor cabling
- CAT3 applications
- Digital and analogue voice signal transmission

Drawing



Technical Drawing



Product Specifications

Product Type			U/UTP CAT 3 2*2*26AWG	
Color of Wire Pair			White & Blue, Blue, White & Orange, Orange	
Conductor	Structure	AWG	26 AWG	
	Material	-	Solid Bare Copper	
Insulation	Material	-	HDPE	
	Diameter	mm	0.70±0.10	
Twist	Color of Insulation Core	-	White & Blue, Blue	White & Orange, Orange
Jacket	Material	-	PVC	
	Diameter	mm	3.8±0.3	
Installation Temperature Range			0°C ~ + 60°C	
Operating Temperature Range			-20°C ~ + 60°C	
Reference Net Weight			4.3 kg/305 m	



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Mechanical Performance

Conductors Elongation		$\geq 15\%$
Jacket Before Aging	Tensile Strength	$\geq 13.5\text{Mpa}$
	Elongation	$\geq 150\%$
Jacket After Aging	Tensile Strength	$\geq 12.5\text{Mpa}$
	Elongation	$\geq 125\%$

Electrical Performance

DC Resistance Unbalance (%)	≤ 2.0
DC Resistance 20° C	≤ 148 (Ohms/Km)
Insulation Resistance	$> 5000\text{M}\Omega \cdot \text{Km} + 20^\circ\text{C DC (100-500)V}$
Dielectric Strength	DC 1000V, 1 Min
Mutual Capacitance of a Pair	Max 6.6 nF/100m

Ordering Information

Part No.	Product Name	Description
SP3014V02-GY0305MB	Category 3 U/UTP 2 Pairs Copper Cable, PVC	305m/Box_ Gray