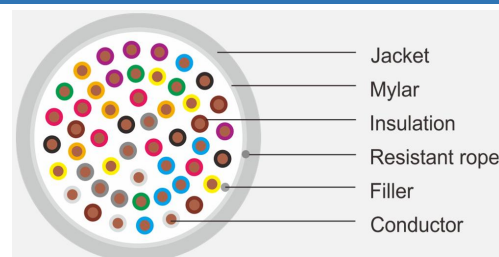


APPLICATION

Category 3 U/UTP cable specification. It is tested up to 16 MHz frequency range. These cables are used for voice and data communications and can handle application bandwidths up to 16 MHz. Other uses for these cables include indoor use on customer premises for the interconnection of telephone key systems, PBX and intercom systems.



SPECIFICATION

Conductor

Material	Copper/CCA/CCS
Conductor Dia.	0.5mm
Wire gauge	24AWG

Insulation

Material	HDPE
Diameter	0.9+/-0.05mm
Color(2-100 Twisted Pairs)	Orange,white/orange; green,white/green; blue,white/blue; brown,white/brown

Jacket

Material	PVC
Diameter	Standard based on number of cores
Color	White, Gray or request

General

Cable Type	Unshielded twisted pair
Installation Temperature	-20°C to 70°C
Rip Cord	Optional
Max. Recommended Pulling Tension	66.7 N
Min. Bend Radius/ Minor Axis	35.4 mm
Nom. Conductor DC Resistance @ 20°C (Ω/km)	92.1
Max. Conductor DC Resistance @ 20°C (Ω/100m)	9.38
Nom. Velocity of Propagation	70%
Nom. Delay (ns/m)	4.9
Max. Operating Voltage	300V
Before Aging Tensile Strength(Mpa)	≥10.34
Elongation(%)	≥100
Tensile Strength(Mpa)	≥70% of unaged
Elongation(%)	≥45% of unaged
Packaging length	305m easy pull box or drum