



## Features & Benefits

- Category 5E performance
- UL tested
- Performance exceeding Category 5E specifications

## Specifications

Rated Temperature (°C)	75
Application	Telephone and other communication circuits such as voice, data, and audio for on premise customer systems.
Reference Standard	UL 444
Construction	Stranded Bare Copper
4 Twisted Pair	8C
AWG	24
Construction (mm)	7/0.20
Stranded Dia. (mm)	0.61
Insulation	PE
Nom. Thickness (mm)	0.19
Insulation Dia. (±0.05 mm)	1.0
<b>Cabling</b>	
Construction	4P
Jacket	FR-PVC
Nom. Thickness mm)	0.58
Outer Dia. (±0.10 mm)	5.5

## Performance

<b>Electrical Characteristics (20 °C)</b>	
Max. Conductor DC Resistance ( $\Omega$ /km)	84
Max. Insulation Resistance ( $\Omega$ /km)	100 M
Dielectric Strength	AC-500V/1 Min
<b>Mechanical Characteristics</b>	
Test Object	Jacket
Test Material	PVC
Before Tensile Strength (kg/mm2)	≥1.05
Aging Elongation (%)	≥100
Aging Condition	100±2°C × 240 hours
After Tensile Strength	≥70% of original
Aging Elongation	≥65% of original

Connectix Enhanced Category 5 Unshielded Twisted Pair Cable is designed for use in next generation data communications networks, and will comfortably support all present applications including Gigabit Ethernet.

Connectix Category 5E UTP Patch Cable offers the performance characteristics required by the Category 5E Standard. When used in conjunction with Connectix Category 5E RJ45 Jacks and a Category 5E network the user will get a link performance exceeding Category 5E requirements.

## Ordering Information

Product Description	Part Number
Cat 6 UTP Patch 305 m (Purple)	001-003-002-08
Cat 6 UTP Patch 305 m (Grey)	001-003-002-01
Cat 6 UTP Patch 305 m (White)	001-003-002-02
Cat 6 UTP Patch 305 m (Blue)	001-003-002-03
Cat 6 UTP Patch 305 m (Green)	001-003-002-04
Cat 6 UTP Patch 305 m (Red)	001-003-002-05
Cat 6 UTP Patch 305 m (Yellow)	001-003-002-06
Cat 6 UTP Patch 305 m (Orange)	001-003-002-07
Cat 6 UTP Patch 305 m (Black)	001-003-002-19

