

## Cat.6A UTP Patch Cable PVC/LSZH



### Features & Application

Transmission Performance: ANSI/TIA-568-C.2: Category 6A (1-500 MHz)

Stranded wiring for conductor flexibility

Longer flex life compared to solid cores

Suitable for Equipment connections

Suitable for Cross-connects where cables are frequently bent and manipulated

Snagless molded boots

Shielded RJ45 Plugs

### Standards

TIA/EIA-568B.2-1

NEC/CEC

ISO/IEC 11801: 8-position conductor/pair assignment (1-2/3-6/4-5/7-8)

IEC60332-1 (CM) - Fire Protection

TIA-568-C.2 : T568A & T568B

### Available Types

2713-11019 - PVC

2713-11018 - LSZH

Please contact for available colors and lengths

### Specifications

#### Conductor :

Stranded Copper 4 pairs, 7 strands, 26 AWG

#### Cable Type:

UTP Cat.6A

#### Outer Jacket:

PVC/LSZH

#### Outer Cable Diameter:

6.0mm  $\pm$  0.2 mm

#### Retention:

50 N (11 lbf) for 60 $\pm$ 5 s

#### Mating cycle life:

min 750 cycles

#### Tensile strength:

$\geq$  20 N per wire

#### Plug Type:

Unshielded RJ45 8P8C Modular Plug

#### Plug Housing:

UL listed 94V-0/1/2 flame retardant polycarbonate

#### IDC blades:

Phosphor bronze, gold plating over 100  $\mu$ m of nickel in contact area

#### Boot Type:

Snagless Molded

#### Length:

0.3m-30m or As per request

#### Sheath Color:

Grey/Green/Blue/White/Black/Red/Yellow

#### Package:

Polybag or Blister Package

#### Operating temperature:

-20°C to +60°C

#### Installation Temperature:

0°C to +60°C

#### Minimum bend radius:

4 outer cable diameters