

Ultra Slim 28AWG

# Cat6 U/UTP

## Stranded Patch Cord with Locking Pin

15cm

20cm

30cm

50cm

1M

2M

3M

5M

DATASHEET



### Features

- TIA Category : Cat6 (Compatible with Cat5e)
- Supported Data Rate  $\geq 1$  Gbps (Gigabit ethernet)
- Supported Bandwidth  $\geq 250$ MHz
- UL Certified cable. ROHS compliant
- Keyless Locking Pin for easy secure
- Compatibility : 100BASE-TX, 1000BASE-T
- Standard Compliance : ANSI/TIA 568.2-D Cat6 & ISO/IEC 11801 Class E
- POE Applications : PoE++(802.3bt) 4PPoE
- 50% the size of the standard 28 AWG patch cords
- Component rated

SNAP LOCK™



UL LISTED FC RoHS

FLUKE device Tested

### Construction & Material

Conductor: Material / Size Bare copper / 28AWG

Insulation : HDPE(CMI-75E)

Min. Avg. Thickness: 0.14mm

Min. Thickness: 0.11 mm

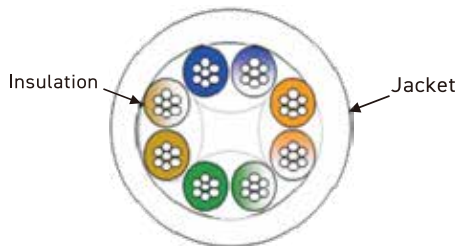
Color Code: Pair 1: Blue & Blue / White, Pair 2: Orange & Orange / White  
Pair 3: Green & Green / White, Pair 4: Brown & Brown /White

Jacket: 75°C PVC Compound (CMI-80S)

Min. Avg. Thickness: 0.585 mm;

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Approximate O.D.: 3.9 mm +/- 0.3mm



### Electrical & Safety

Characteristic Impedance( $Z_0$ ): 85~115 $\Omega$  (1~250 MHz)

DC. Resistance Capacitance Unbalance: 5%

Pair-to-Ground Capacitance Unbalance: 330 pF/100M Max

Conductor Resistance: 22.3  $\Omega$ / 100M 20°C Max

Mutual Capacitance: 5600 pF/100M Max

MAXIMUM PULLING TENSION : Max. 85N

MINIMUM BENDING RADIUS  $\geq 8$  TIMES OF OVERALL DIAMETER

#### Marking on surface of Sheath

TYPE CM 28AWG 4PR PATCH CABLE 75°C (UL) E151955 ANSI/TIA-568.2-D Cat.6 UTP T3 Innovation BATCH NO.