

# U/UTP CAT 6A Twisted 4 Pair Patch Cord

## PATCH CORD

### NO. 7112555



### Construction

|                    |  |
|--------------------|--|
| Conductor:         | 24 AWG Stranded Bare Copper  |
| Pairs:             | 4 Pairs  |
| Insulation:        | FEP  |
| Insulation Colors: | Blue-White/Blue, Orange-White/Orange<br>Green-White/Green, Brown-White/Brown |
| Rip Cord:          | Cotton   |
| Out Jacket:        | 7.5±0.2 mm PVC CMP   |

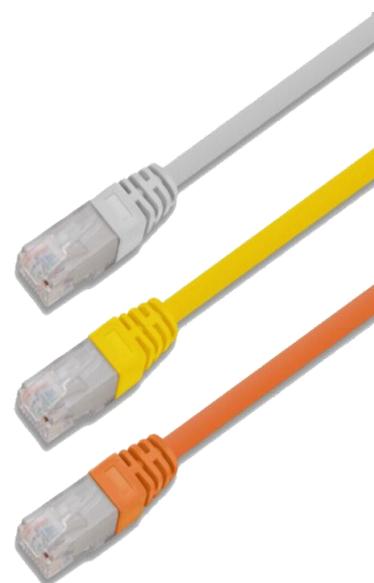
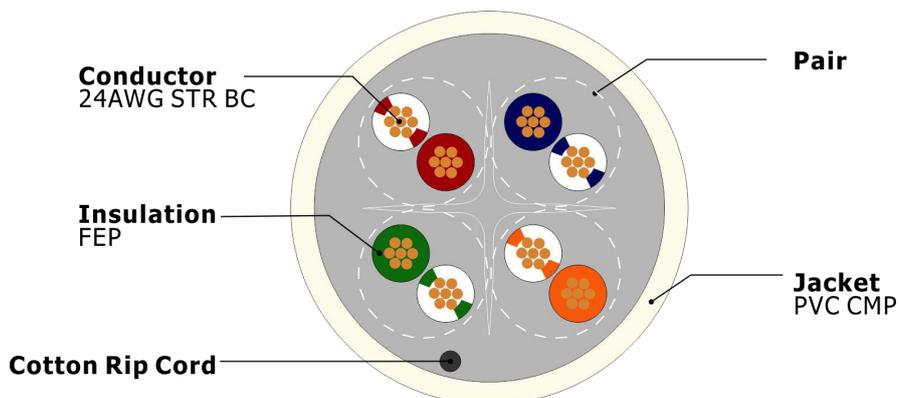


### Electrical Characteristics

|                                      |                        |
|--------------------------------------|------------------------|
| Impedance                            | 1 - 250MHz 100±15 Ohms |
| Insulation Resistance                | >5000MΩ*KM             |
| Dielectric strength                  | DC 2500V 2S            |
| Max. Conductor DC Resistance 20°C    | 8.4 Ohms/100m          |
| Res. unbalance (%)                   | Max. 2.5               |
| Pair to Ground Capacitance Unbalance | 330 pF/100m            |
| Transfer Impedance                   | Max 10 mOhms/m @100Mhz |

### Cross Section

#### U/UTP CAT 6A BC PVC CMP PATCH CORD



## Application

- Electrical performance guaranteed to meet or exceed ANSI/TIA-568B Category 5e and ISO/EIC specifications.
- Independently tested and verified intertek(ETL).
- Third party tested to Category 5e channel compliance.
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length.

## Performance Characteristics

| Frequency | RL (Min.) | Insertion Loss(Max.) | Propagation Delay (Max.) | Delay Skew(Max.) | NEXT (Min.) | PSNEXT (Min.) | ELNEXT (Min.) | PSELNEXT (Min.) |
|-----------|-----------|----------------------|--------------------------|------------------|-------------|---------------|---------------|-----------------|
| MHz       | dB        | dB/100m              | ns/100m                  | ns/100m          | dB          | dB            | dB/100m       | dB/100m         |
| 1         | 19.0      | 3.0                  | 550.0                    | 50.0             | 65.0        | 62.0          | 63.3          | 60.3            |
| 4         | 19.0      | 4.2                  | 550.0                    | 50.0             | 63.0        | 60.5          | 51.2          | 48.2            |
| 8         | 19.0      | 5.8                  | 550.0                    | 50.0             | 58.2        | 55.6          | 45.2          | 42.2            |
| 10        | 19.0      | 6.5                  | 550.0                    | 50.0             | 56.6        | 54.0          | 43.3          | 40.3            |
| 16        | 18.0      | 8.2                  | 550.0                    | 50.0             | 53.2        | 50.6          | 39.2          | 36.2            |
| 20        | 17.5      | 9.2                  | 550.0                    | 50.0             | 51.6        | 49.0          | 37.2          | 34.2            |
| 25        | 17.0      | 10.2                 | 550.0                    | 50.0             | 50.0        | 47.3          | 35.3          | 32.3            |
| 31.25     | 16.5      | 11.5                 | 550.0                    | 50.0             | 48.4        | 45.7          | 33.4          | 30.4            |
| 62.5      | 14.0      | 16.4                 | 550.0                    | 50.0             | 43.4        | 40.6          | 27.3          | 24.3            |
| 100       | 12.0      | 20.9                 | 550.0                    | 50.0             | 39.9        | 37.1          | 23.3          | 20.3            |
| 200       | 9.0       | 30.1                 | 550.0                    | 50.0             | 34.8        | 31.9          | 17.2          | 14.2            |
| 250       | 8.0       | 33.9                 | 550.0                    | 50.0             | 33.1        | 30.2          | 15.3          | 12.3            |

Note: The above transmission performance for the 100M, 20±2°C under the conditions tested.

## Order Informations

Marking

Inner Package 305m/Spool,305m/Reel (or Per customer's request)  
 Outer Package Color Box, Pallet (or Per customer's request)  
 Delivery time Normally 25 days after received the deposit.  
 Brand HELLOSIGNAL™ OR OEM

## Online Service:

Skype kingtone3  
 ICQ 246632889  
 Whatsapp +86 18268009191  
 Email michael@zion-communication.com



[www.zion-communication.com](http://www.zion-communication.com)  
**HANGZHOU ZION COMMUNICATION CO.,LTD**