# U/UTP CAT 6A Twisted 4 Pair Patch Cord PATCH CORD NO. 7112551



## Construction

Conductor: 24 AWG Stranded Bare Copper

Pairs: 4 Pairs Insulation: HDPE

Insulation Colors:

Blue-White/Blue,Orange-White/Orange
Green-White/Green,Brown-White/Brown

Rip Cord: Cotton

Out Jacket: 7.5±0.2 mm PE

# **Electrical Characteristics**

Impedance 1 - 250MHz 100±15 Ohms

 $\begin{array}{ll} \mbox{Insulation Resistance} & >5000\mbox{M}\Omega^*\mbox{KM} \\ \mbox{Dielectric strength} & \mbox{DC 2500V 2S} \end{array}$ 

Max.Conductor DC

Resistance 20°C

8.4 Ohms/100m

Res. unbalance (%) Max. 2.5

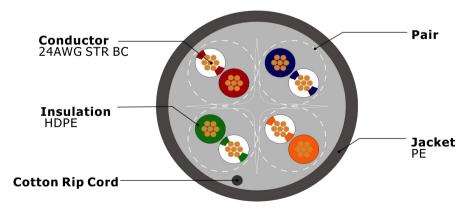
Pair to Ground

Capacitance Unbalance 330 pF/100m

Transfer Impendance Max 10 mOhms/m @100Mhz

# **Cross Section**

# U/UTP CAT 6A BC PE 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**

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

### **Order Informations**

HELLOSIGNAL NO.7112551 U/UTP CAT 6A 4PR 24AWG PE Marking

Patch Cord XXX (or Per customer's request)

Inner Package 305m/Spool,305m/Reel (or Per customer's request)

Color Box, Pallet (or Per customer's request) Outer Package Normally 25 days after received the deposit. Delivery time

Brand HELLOSIGNAL<sup>™</sup> OR OEM

# **Online Service:**

Skype kingtone3 **ICQ** 246632889 Whatsapp +86 18268009191

michael@zion-communication.com Email























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