U/UTP Dual CAT 5E Twisted Pair Installation Cable

LAN CABLE

NO. 7112154

ZION Communication
Signal to the world

Construction



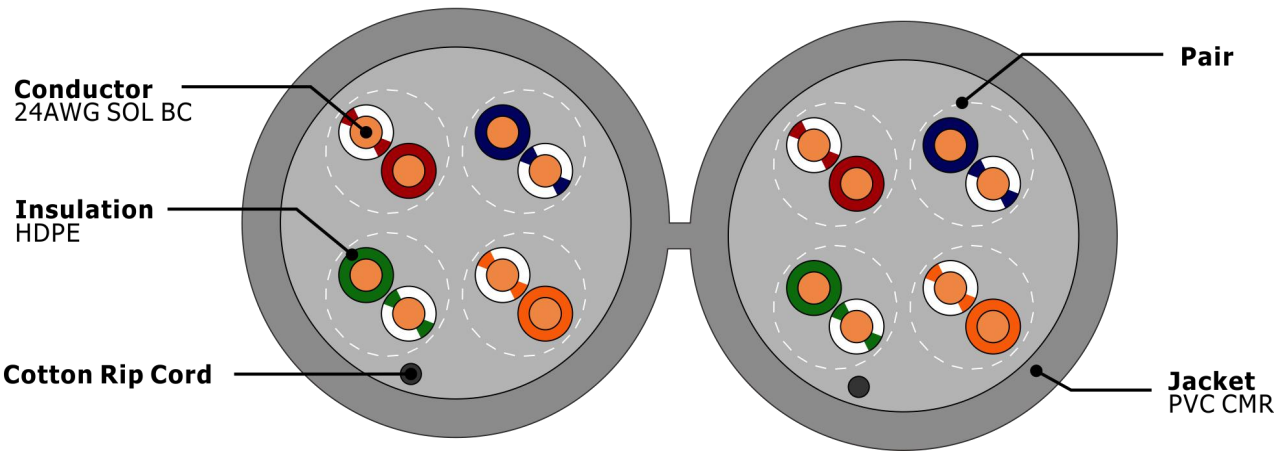
Conductor:	24 AWG Solid Bare Copper
Pairs:	4 Pairs
Insulation:	0.91 mm HDPE
Insulation Colors:	Blue-White/Blue,Orange-White/Orange Green-White/Green,Brown-White/Brown
Rip Cord:	Cotton
Out Jacket:	(5.2×10.4)±0.2 mm PVC CMR

Electrical Characteristics

Impedance	1 - 100MHz 100±15 Ohms
Insulation Resistance	＞5000MΩ*KM
Dielectric strength	DC 2500V 2S
Max.Conductor DC Resistance 20℃	9.5 Ohms/100m
Res. unbalance (%)	Max. 2.5
Pair to Ground Capacitance Unbalance	330 pF/100m
Transfer Impendance	Max 10 mOhms/m @100Mhz
Installation temp.	-30 - 50℃
Operation temp.	-20 - 75℃

Cross Section

U/UTP Dual CAT 5E BC PVC CMR



Application

- Meets or exceeds requirements of ANSI/TIA-568-C.2 Category 5e and ISO 11801 2nd Edition Class D channel standards.
- Meets or exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156-5 Category 5e component standards.
- Third party tested to Category 5e channel compliance.
- Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE applications.
- Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap.
- Color Availability: Additional cable colors available.
- Patent producls:CN200920124768. 4.

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	20.0	2.2	570.0	45.0	65.0	62.0	61.0	61.0
4	23.0	4.2	552.0	45.0	56.0	53.0	48.0	48.0
10	25.0	6.5	545.0	45.0	50.0	47.0	41.0	41.0
16	25.0	8.4	543.0	45.0	47.0	44.0	36.0	36.0
20	25.0	9.3	542.0	45.0	45.0	42.0	34.0	34.0
31.25	23.6	11.6	540.0	45.0	42.0	39.0	31.0	31.0
62.5	21.5	17.0	539.0	45.0	38.0	35.0	25.0	25.0
100	20.1	22.0	538.0	45.0	35.0	32.0	21.0	21.0
Note: The above transmission performance tor the 100M, 20±2℃ under the conditions tested.								

Order Informations

Marking	HELLOSIGNAL NO.7112154 U/UTP Dual CAT 5E 4PR 24AWG PVC CMR XXX (or Per customer's request)
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