

F/UTP Dual Jacket CAT 6A Twisted Pair Installation Cable

LAN CABLE

NO. 7112355



Construction

| | |
|--------------------|--|
| Conductor: | 23 AWG Solid Bare Copper |
| Pairs: | 4 Pairs |
| Insulation: | 1.02 mm FEP |
| Insulation Colors: | Blue-White/Blue, Orange-White/Orange Green-White/Green, Brown-White/Brown |
| Inner Jacket | 6.2 ±0.2 mm PVC |
| Drain Wire | 0.40±0.005mm TC |
| Overall Shield | Al/PET Foil, Foil face out |
| Rip Cord: | Cotton |
| Out Jacket: | 7.6±0.2 mm PVC CMP |

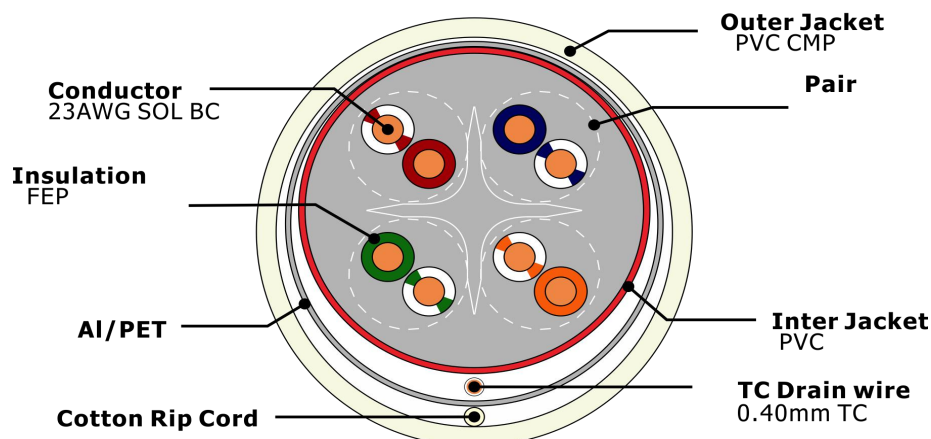


Electrical Characteristics

| | | |
|--------------------------------------|--------------|------------------------|
| Impedance | 4 - 100MHz | 100±15 Ohms |
| | 100 - 200MHz | 100±22 Ohms |
| | 200 - 500MHz | 100±32 Ohms |
| 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 |
| Installation temp. | | -30 - 50°C |
| Operation temp. | | -20 - 75°C |

Cross Section

F/UTP Dual CAT 6A BC PVC CMP



Application

- Suitable for structured premises cabling.
- For transmission of digital and analogue voice and data signals.
- Especially suitable for all Class EA applications.
- ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000Base-T, 10G Base-T. (IEEE 802.3).
- Token Ring/16Mbit/s, TP-PMD/TP/DDI 125Mbit/s, ATM 155Mbit/s. (IEEE802.5).

Standard

IEC/ISO 61156-5; ANSI/TIA568C.2; ISO/IEC 11801

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 | 2.1 | 570.0 | 45.0 | 74.3 | 72.3 | 67.8 | 64.8 |
| 4 | 23.0 | 3.8 | 552.0 | 45.0 | 65.3 | 63.3 | 55.8 | 52.8 |
| 10 | 25.0 | 6.0 | 545.4 | 45.0 | 59.3 | 57.3 | 47.8 | 44.7 |
| 16 | 25.0 | 7.6 | 543.0 | 45.0 | 56.2 | 54.2 | 43.7 | 40.7 |
| 20 | 25.0 | 8.5 | 542.1 | 45.0 | 54.8 | 52.8 | 41.8 | 38.8 |
| 31.25 | 25.0 | 10.7 | 540.4 | 45.0 | 51.9 | 49.9 | 37.9 | 34.9 |
| 62.5 | 21.5 | 15.4 | 538.6 | 45.0 | 47.4 | 45.4 | 31.9 | 28.9 |
| 100 | 20.1 | 19.8 | 537.6 | 45.0 | 44.3 | 42.3 | 27.8 | 24.8 |
| 200 | 18.0 | 29.0 | 536.1 | 45.0 | 39.8 | 37.8 | 21.8 | 18.8 |
| 300 | 17.3 | 36.4 | 536.1 | 45.0 | 37.1 | 35.1 | 18.3 | 15.3 |
| 400 | 17.3 | 43.0 | 535.8 | 45.0 | 35.3 | 33.3 | 15.8 | 12.8 |
| 500 | 17.3 | 45.3 | 535.6 | 45.0 | 33.8 | 31.8 | 13.8 | 10.8 |

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

Order Informations

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|---------------|--|
| Marking | HELLOSIGNAL NO.7112355 F/UTP Dual Jacket CAT6A 4PR 23AWG PVC CMP 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:

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



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