

F/UTP CAT 6A Twisted Pair Installation Cable

LAN CABLE

NO. 7112315



Construction

Conductor:	23 AWG Solid Bare Copper
Pairs:	4 Pairs
Insulation:	1.35 mm FEP
Insulation Colors:	Blue-White/Blue, Orange-White/Orange Green-White/Green, Brown-White/Brown
Fillier:	Cross Filler
Shield 1:	PET
Drain Wire	0.40±0.005mm TC
Shield 2:	Al/PET Foil, Foil face out
Rip Cord:	Cotton
Out Jacket:	7.6±0.2 mm PVC CMP

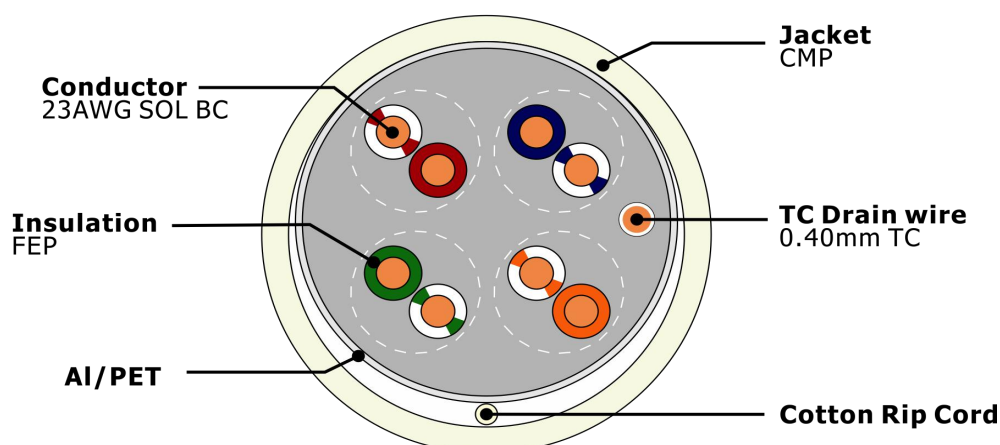


Electrical Characteristics

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 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

Marking	HELLOSIGNAL NO.7112315 F/UTP 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:

Skype	kingtone3
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