SF/UTP CAT6 Twisted Pair Installation Cable

LAN CABLE

NO. 7112223

Construction



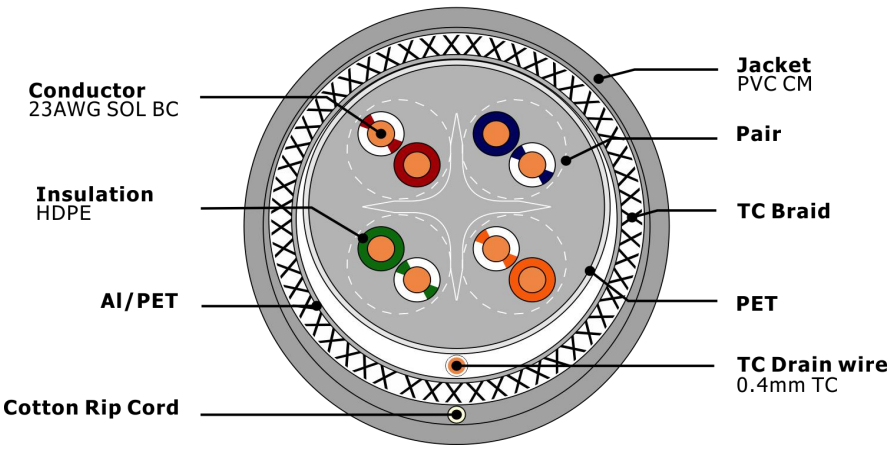
Conductor:	23 AWG Solid Bare Copper
Pairs:	4 Pairs
Insulation:	1.02 mm HDPE
Insulation Colors:	Blue-White/Blue,Orange-White/Orange Green-White/Green,Brown-White/Brown
Filler:	Cross Filler
Shield 1:	PET
Drain Wire:	0.40±0.005mm TC
Shield 2:	Al/PET Foil,Foil face out
Shield 3:	Tinned Copper Braid
Rip Cord:	Cotton
Out Jacket:	8.1±0.2 mm PVC CM

Electrical Characteristics

Impedance	1 - 250MHz 100±15 Ohms
Insulation Resistance	＞5000MΩ*KM
Dielectric strength	DC 2500V 2S
Max.Conductor DC Resistance 20℃	8.4 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

SF/UTP CAT 6 BC PVC CM



Application

- Exceeds ANSI/TIA-568-C.2 and ISO 11801 2nd Edition Class E Category 6 channel standards.
- Exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156·5 Category 6 component standards.
- Meets requirements of IEEE 802.3af and IEEE 802.3at for PoE applications.
- Foil shield reduces ingress of EMI interference to ensure cable performance at high frequency levels.
- Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap.
- Color Availability: Additional cable colors available.

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	590.0	62.0	74.3	72.3	67.8	64.8
4	23.0	4.1	572.0	62.0	65.2	63.2	55.7	52.7
10	25.0	6.5	565.0	62.0	59.3	57.3	47.8	44.8
16	25.0	8.2	563.0	62.0	56.2	54.2	43.7	40.7
20	25.0	9.3	562.0	62.0	54.7	52.7	41.7	38.7
31.25	23.6	11.5	560.0	62.0	51.8	49.8	37.9	34.9
62.5	21.5	16.2	558.0	62.0	47.3	45.3	31.8	28.8
100	20.1	20.4	557.0	62.0	44.3	42.3	27.8	24.8
200	18.0	29.2	556.0	62.0	39.7	37.7	21.7	18.7
250	17.3	33.8	555.0	62.0	38.3	36.3	19.8	16.8
Note: The above transmission performance tor the 100M, 20±2℃ under the conditions tested.								

Order Informations

Marking	HELLOSIGNAL NO.7112223 SF/UTP CAT6 4PR 23AWG PVC CM 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	lukehan12
ICQ	607352312
Whatsapp	0086 15868179479
Email	luke@zion-communication.com