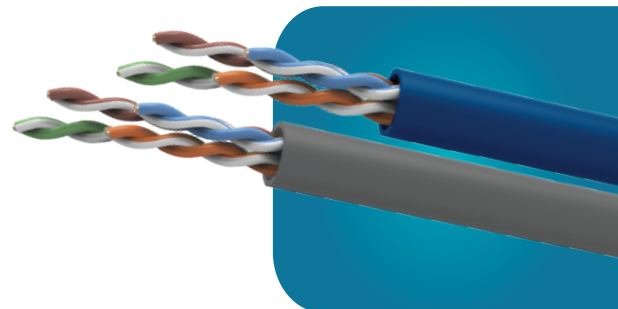


CONDUCTOR LAN CABLE U/UTP CAT6 4Pairs CCA 30%



CONSTRUCTION

Conductor:	23 AWG Solid CCA30% (Copper Plating Aluminum)
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
Rip Cord:	Cotton
Out Jacket:	6.4±0.2 mm PVC

COLOR:

Azul y Gris

Electrical Characteristics

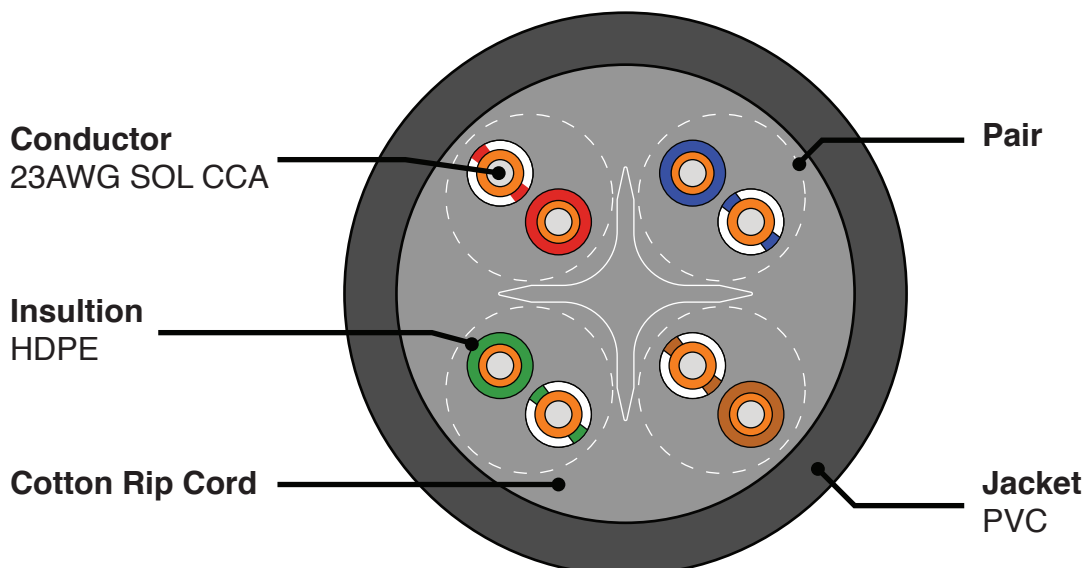
Impedance	1 - 250MHz 100±15 Ohms
Insulation Resistance	>5000MQ*KM
Dielectric strength	DC 2500V 2S
Max. Conductor DC Resistance 20°C	14.2 Ohms/100m
Res. unbalance (%)	Max. 2.5
Pair to Ground Capacitance Unbalance	330 pF/100m
Transfer Impedance	Max 10 mOhms/m @100Mhz
Installation temp.	-30 - 50°C
Operation temp.	-20 - 75°C

Order Informations

Marking	HELLOSIGNAL NO.7112208 U/UTP CAT6 CCA 4PR 23AWG XXX (or Per customer's request)
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Cross Section
U/UTP CAT6 4 PAIRS CCA CONDUCTOR

Inner Package	305MT/Pull Box/Pallet
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Cable ID: CAT6UTP

Date / Time: 06/06/2017 04:03:50 PM

Headroom 2.7 dB (NEXT 12-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 UTP

NVP: 69.0%

Operator: Your Name

Software Version: 2.2400

Limits Version: 1.3700

Calibration Date:

Main (Tester): 12/18/2009

Remote (Tester): 12/18/2009

Test Summary: PASS

Model: DTX-1800

Main S/N: 1170035

Remote S/N: 1170036

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	257
Prop. Delay (ns), Limit 555	[Pair 36]	391
Delay Skew (ns), Limit 50	[Pair 36]	13
Resistance (ohms)	[Pair 36]	19.5

Insertion Loss Margin (dB)	[Pair 36]	4.6
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	45-78
NEXT (dB)	2.7	2.7	5.6	8.1
Freq. (MHz)	63.3	43.3	211.0	236.5
Limit (dB)	43.3	46.1	34.4	33.5
Worst Pair	12	12	45	45
PS NEXT (dB)	4.8	4.2	8.2	10.2
Freq. (MHz)	63.3	43.0	211.0	236.5
Limit (dB)	40.5	43.4	31.4	30.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	78-45	45-78	78-45	12-78
ACR-F (dB)	0.7*	0.8*	0.7	1.2
Freq. (MHz)	230.0	230.0	230.0	242.5
Limit (dB)	16.0	16.0	16.0	15.6
Worst Pair	45	78	45	78
PS ACR-F (dB)	3.1	2.9	3.1	2.9
Freq. (MHz)	230.0	242.5	230.0	242.5
Limit (dB)	13.0	12.6	13.0	12.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-45	45-78
ACR-N (dB)	4.2	3.8	10.2	13.7
Freq. (MHz)	2.8	43.5	211.0	236.5
Limit (dB)	61.6	32.5	1.9	-1.3
Worst Pair	12	12	36	45
PS ACR-N (dB)	5.9	5.6	14.2	15.3
Freq. (MHz)	2.9	7.6	245.5	236.5
Limit (dB)	58.6	50.4	-5.3	-4.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	12	36	45
RL (dB)	5.5	7.0	5.5	9.5
Freq. (MHz)	121.5	133.0	121.5	245.5
Limit (dB)	11.2	10.8	11.2	8.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
100BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

