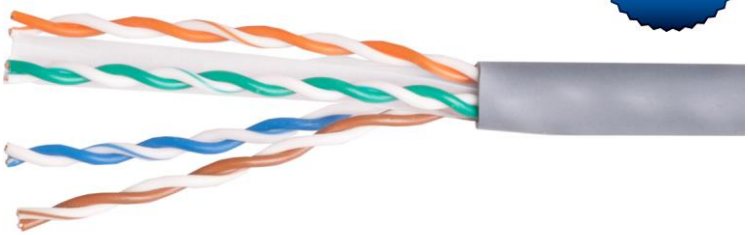
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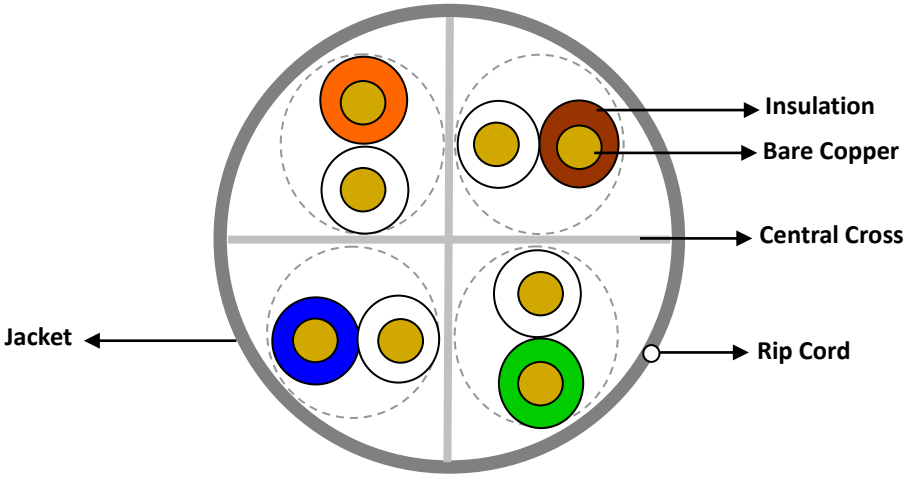
Cat.6 U/UTP Installation Cable



404531
404532

The equip® Installation Cable is made of preeminent materials and thoroughly examined to meet or surpass industrial standards defined by the EIA / TIA, ISO and EN standard bodies. The performance is guaranteed via a comprehensive test including attenuation, return loss, NEXT (Next End Crosstalk) and FEXT (Far End Crosstalk) up to 250MHz and the hence the equip® Installation Cable serves well in the most demanding networking environments.

Structure



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Specification

Conductor	Material	Bare Copper
	Construction	23AWG, 1/0.55 ± 0.015mm
Insulation	Material	HD-PE
	Diameter	1.035 ± 0.02mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Jacket	Material	LSZH
	Thickness	MIN at any point: 0.40mm / MAX AVG: 0.55mm
	Diameter	6.2 ± 0.3mm
	Colors	Gray
	Marking	404531: equip CAT.6 U/UTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class Eca
		404532: equip CAT.6 U/UTP LSOH 4PR 23AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class Eca

Electrical Properties

Electrical Characteristics (20℃)	1.0-250.0MHz, Characteristic impedance (Ω)	100±15
	1.0-250.0MHz, Delay Shew 20℃(ns/100m)	≤45
	DC Resistance 20℃(Ω/100m) max	9.38
	DC Conductor Resistance Unbalance (%)max	2.5

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Performance

(MHz)	RL ⩾dB	ATT ⩽dB	NEXT ⩾dB	DELAY ⩽ns
1	20.0	1.9	74.0	570.00
4.0	23.0	3.7	65.0	552.00
8.0	24.5	5.3	60.7	546.73
10.0	25.0	5.9	59.0	545.38
16.0	25.0	7.5	56.0	543.00
20.0	25.0	8.4	55.0	542.05
25.0	24.3	9.5	53.3	541.20
31.25	23.6	10.6	52.0	540.44
62.5	21.5	15.4	47.0	538.55
100	20.1	19.8	44.0	537.60
200	18.0	29.0	40.0	536.54
250	17.3	32.8	38.0	536.27

Ordering Information

PN	EAN	Length	Packing
404531	4015867202074	100m	Carton
404532	4015867202081	305m	Equip EZ Box

Typical Applications

- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
- IEEE 802.5 16 MB; ISDN; TPDDI; ATM
- Class E ISO/IEC 11801 2nd Edition & EN 50173

RoHS 2002/95/EC