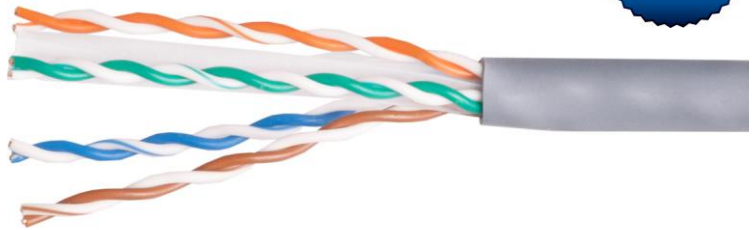# Cat.6 U/UTP Installation Cable
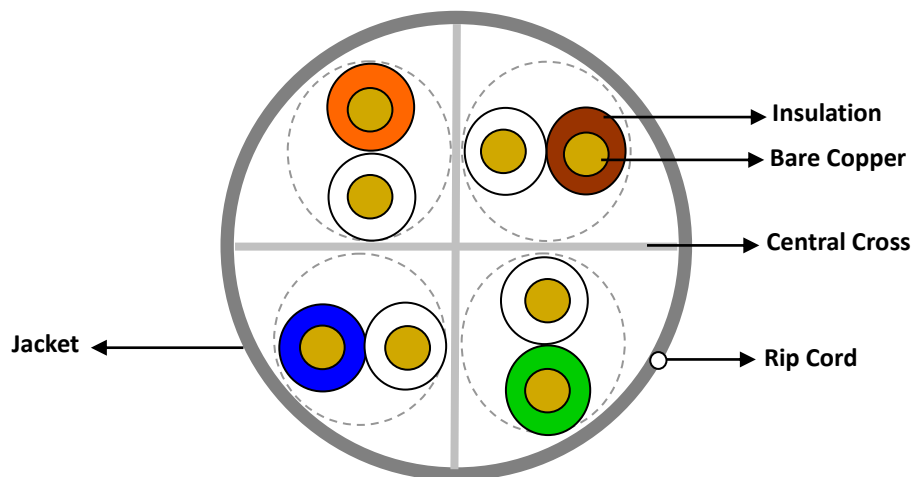
CPR Certified

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

- Insulation
- Bare Copper
- Central Cross
- Rip Cord
- Jacket

| 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

| 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