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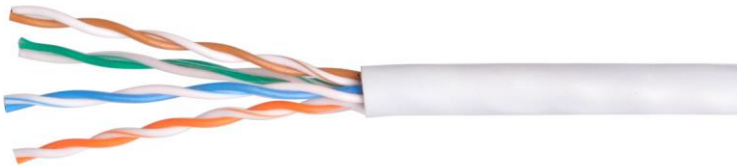
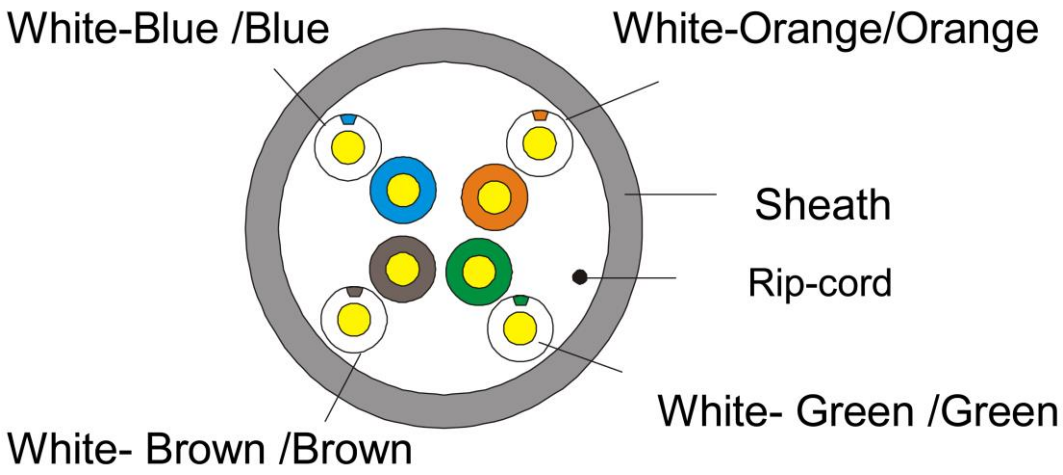
Cat.5E U/UTP Installation Cable



401413

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 100MHz 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	24AWG, 1/0.49 ± 0.005mm
Insulation	Material	HD-PE
	Diameter	0.87 ± 0.03mm
	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	6.0 ± 0.4mm
	Colors	Gray
	Marking	equip CAT.5E U/UTP LSOH 4PR 24AWG INSTALL CABLE ISO/IEC 11801 & ANSI/TIA-568-C.2 VERIFIED EN50575:2014 Fire Class Eca

Electrical Properties

Electrical Characteristics (20℃)	1.0-100.0MHz Impedance(Ω)	100±15
	Velocity of Propagation (NVP)	69%
	1.0-100.0MHz Delay Shew (ns/100m)	≤45
	DC ResistanceΩ/100m) max	9.5
	DC Conductor Resistance Unbalance(%) max	5.0

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Performance

Technical Performance (100m):

Frequency (MHz)	RL ≥dB	ATT(20℃) ≤dB	NEXT ≥dB	PHASE DELAY ≤ns
1	20.0	2.0	65.3	570.00
4.0	23.0	4.1	56.3	552.00
8.0	24.5	5.8	51.8	546.73
10.0	25.0	6.5	50.3	545.38
16.0	25.0	8.2	47.2	543.00
20.0	25.0	9.3	45.8	542.05
25.0	24.3	10.4	44.3	541.20
31.25	23.6	11.7	42.9	540.44
62.5	21.5	17.0	38.4	538.55
100	20.1	22.0	35.3	537.60

Frequency (MHz)	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	62.3	63.8	60.8
4	53.3	51.8	48.8
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.4	39.7	36.7
20	42.8	37.8	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.9	24.9
100	32.3	23.8	20.8

Ordering Information

PN	EAN	Length	Packing
401413	4015867459379	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