

Cat.5e U/UTP Installation Cable

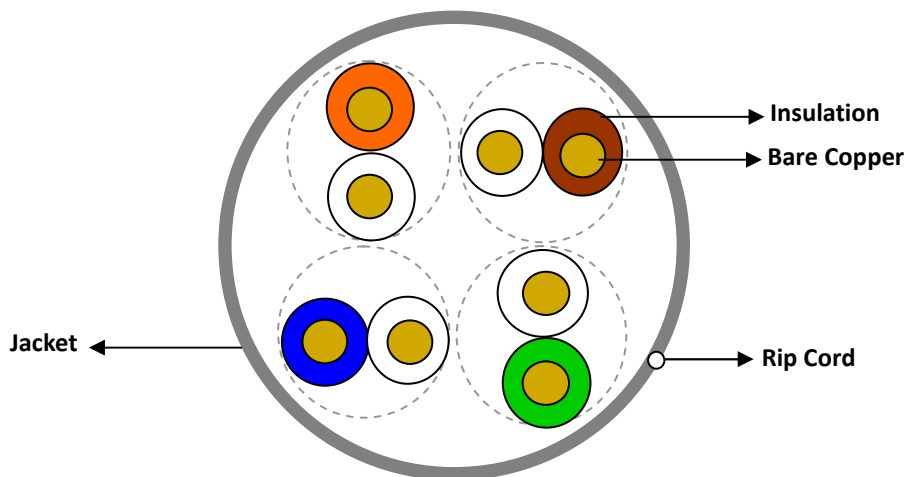


401411

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 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, 1/0.50 ± 0.015mm
Insulation	Material	HD-PE
	Thickness	MIN at any point: 0.10 mm / MAX AVG:0.20 mm
	Diameter	0.91 ± 0.01mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Jacket	Material	PVC
	Thickness	MIN at any point: 0.50mm / MAX AVG: 0.53mm
	Diameter	5.3 ± 0.3mm
	Colors	Beige
	Marking	equip CAT.5e U/UTP INSTALL CABLE E213738 CM (UL) C(UL) 4PR 24AWG ISO/IEC 11801 & EN50288 & TIA/EIA-568-B.2 3P VERIFIED xxxM

Electrical Properties

Spark Test	2000 ± 250 VOC
Dielectric Strength	1000V dc/3 seconds
Insulation Resistance	MIN 150MΩ/KM
Conductor Resistance	MAX 9.38 Ω/100m at 20°C
Resistance Unbalance	MAX 5%
Capacitance Unbalance	MAX 330pF/100m
Mutual Capacitance	MAX 560pF/100m
Impedance	100± 15Ω

| Performance

Frequency (MHz)	Impedance (Ω)	SRL (dB)	Attenuation dB/100m	NEXT (dB)	PS-NEXT (dB)
772KHz	100 ± 15	-	1.8	67.0	64.0
1MHz	100 ± 15	20.0	2.0	65.3	62.3
4MHz	100 ± 15	23.0	4.1	56.3	53.3
8MHz	100 ± 15	24.0	5.8	51.8	48.8
10MHz	100 ± 15	25.0	6.5	50.3	47.3
16MHz	100 ± 15	25.0	8.2	47.3	44.3
20MHz	100 ± 15	25.0	9.3	45.8	42.8
25MHz	100 ± 15	24.2	10.4	44.3	41.3
31.25MHz	100 ± 15	23.3	11.7	42.9	39.9
62.5MHz	100 ± 15	20.7	17.0	38.4	35.4
100MHz	100 ± 15	19.1	22.0	35.3	32.3

| Ordering Information

PN	EAN	Length	Packing	Weight
401411	4015867459362	100m	Equip EZ Box	4.1Kg
401413	4015867459379	305m	Equip EZ Box	8.25Kg

Warranty : 5 years

| Typical Applications

- IEEE 802.3: 10Base-T; 100Base-T; 1000Base-T
- IEEE 802.5 16 MB; ISDN; TPDDI; ATM