

Cat.5e U/UTP Installation Cable

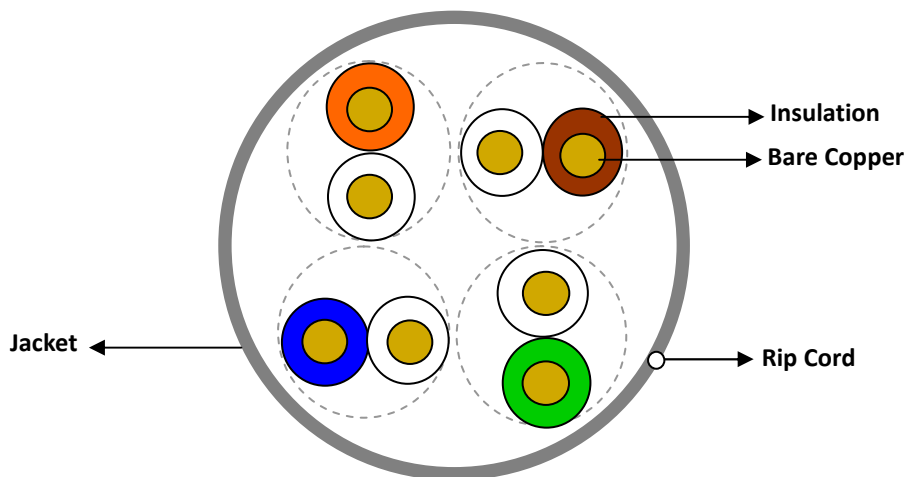


401411

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 \pm 15	-	1.8	67.0	64.0
1MHz	100 \pm 15	20.0	2.0	65.3	62.3
4MHz	100 \pm 15	23.0	4.1	56.3	53.3
8MHz	100 \pm 15	24.0	5.8	51.8	48.8
10MHz	100 \pm 15	25.0	6.5	50.3	47.3
16MHz	100 \pm 15	25.0	8.2	47.3	44.3
20MHz	100 \pm 15	25.0	9.3	45.8	42.8
25MHz	100 \pm 15	24.2	10.4	44.3	41.3
31.25MHz	100 \pm 15	23.3	11.7	42.9	39.9
62.5MHz	100 \pm 15	20.7	17.0	38.4	35.4
100MHz	100 \pm 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

| Typical Applications

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