

Cat.6 U/UTP Installation Cable

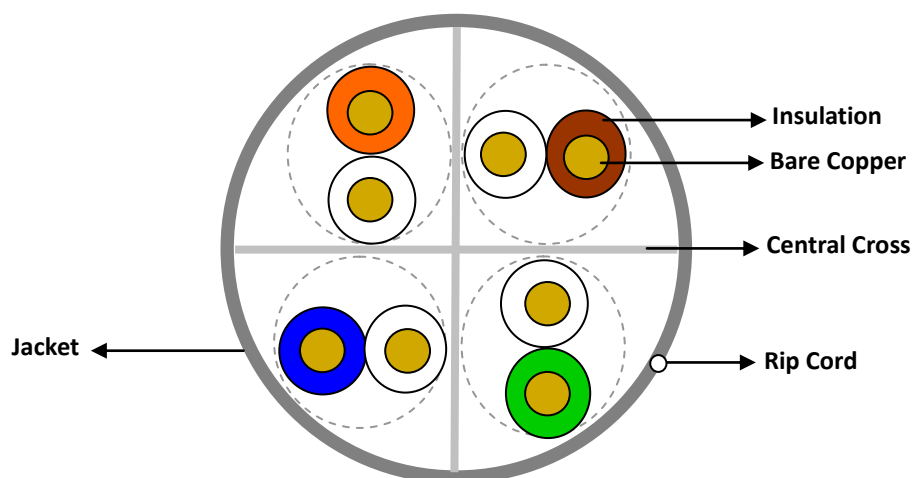


401461

401463

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
	Thickness	MIN at any point: 0.15 mm / MAX AVG:0.22 mm
	Diameter	1.00 ± 0.01mm
	Colors	Blue-White/Blue, Orange-White/Orange, Green-White/Green, Brown-White/Brown
Stranding	Mylar	0.035*25mm
	Drain Wire	1/0.40±0.02mm
	Central Cross	PE: 5.0*0.7mm
Jacket	Material	PVC
	Thickness	MIN at any point: 0.40mm / MAX AVG: 0.55mm
	Diameter	6.1 ± 0.2mm
	Colors	Beige
	Marking	equip CAT.6 U/UTP INSTALL CABLE E213738-Y CM (UL) C(UL)

| 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)	RL dB/100m	Attenuation dB/100m	NEXT (dB)	PS-NEXT (dB)
772KHz	100 \pm 15	19.44	1.84	76.0	74.0
1MHz	100 \pm 15	20.00	2.04	74.30	72.3
4MHz	100 \pm 15	23.01	3.81	65.3	63.3
8MHz	100 \pm 15	24.52	5.35	60.8	58.8
10MHz	100 \pm 15	25.00	5.99	59.3	57.3
16MHz	100 \pm 15	25.00	7.60	56.2	54.2
20MHz	100 \pm 15	25.00	8.52	54.8	52.8
25MHz	100 \pm 15	24.32	9.57	53.3	51.3
31.25MHz	100 \pm 15	23.64	10.74	51.9	49.9
62.5MHz	100 \pm 15	21.54	15.48	47.4	45.4
100MHz	100 \pm 15	20.10	19.92	44.3	42.3
125MHz	100 \pm 22	19.42	22.49	42.8	40.8
200MHz	100 \pm 22	18.00	29.15	39.8	37.8
250MHz	100 \pm 32	17.32	33.04	38.3	36.3

| Ordering Information

PN	EAN	Length	Packing
401461	4015867112281	100m	Equip EZ Box
401463	4015867112298	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