

Cat.6 U/UTP Patch Cable

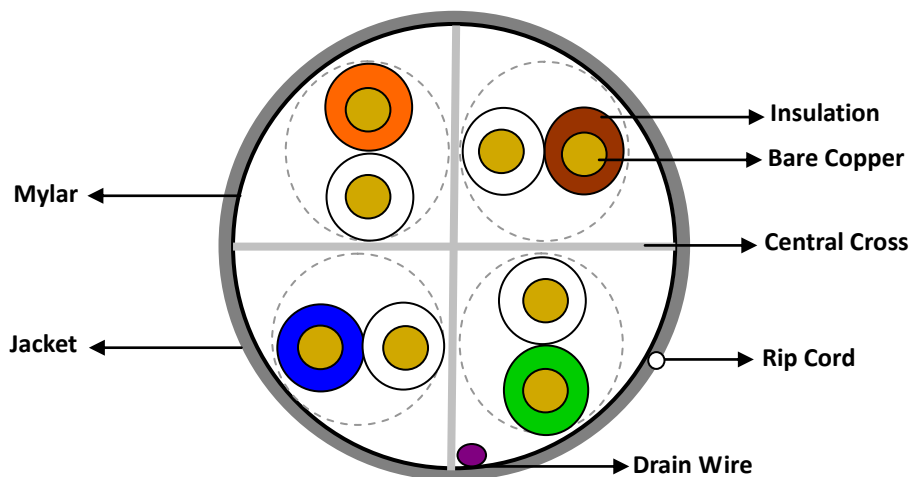


100461

100463

The equip[®] Copper Patch 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 hence the equip[®] Patch Cable serves well in the most demanding networking environments.

| Structure





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| Specification

Conductor	Material	Bare Copper
	Construction	AWG 24/7, 0.20 ± 0.015mm
Insulation	Material	HD-PE
	Thickness	MIN at any point: 0.18 mm / MAX AVG:0.20 mm
	Diameter	0.96 ± 0.03mm
	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: 0.58mm
	Diameter	5.8 ± 0.3mm
	Colors	Beige
	Marking	equip CAT.6 U/UTP PATCH CABLE 250MHZ E213738 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	Packing	Weight
100461	4015867105078	Equip EZ Box	6Kg
100463	4015867105085	Equip EZ Box	12Kg

| 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