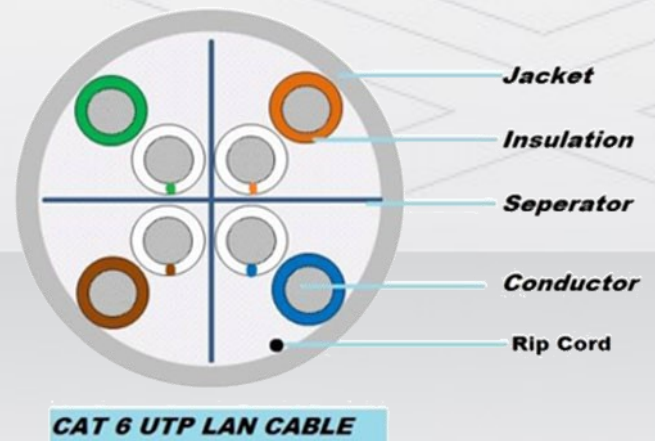


CP-EUT-6TGL1-100

CAT6 UTP Lan Cable

- Solid Bare Electrolytic Grade Copper
- Conductor Diameter 24 AWG (0.50 +/- 0.015MM)
- Polyethylene (HDPE) type Insulation
- 100 Meters in TF Box
- Outer Sheath material PVC



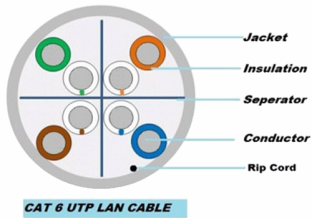
System Overview

For a speedy and easy transmission of data, digital and analog voice and video (RGB) signals on LANs, CP PLUS offers efficiently performing cables that provide an enhanced experience. Designed for applications that are installed in occasional flexing and fixed locations. This cable has been created to strengthen the transmission power of data in your surveillance solution.

Functions

Weather Care

The outer jacket in this cable is made of the most robust PVC to provide a supplemented life potential to the cable and also to safeguard it against the calamities of weather.



CP-EUT-6TGL1-100

CAT6 UTP LAN Cable

Functions

Solid Bare Copper Conductor

The use of a bare copper conductor in energy transmission installations to maximize thermal and electrical conductivity, and to transmit energy with optimal efficiency.

Increased Protection

The superior quality of the insulator used in this cable provides greater prevention against the electromagnetic force emitting from the current.

Renewed Capacity

The current carrying capacity of a cable is directly proportionate to its diameter. Keeping that in mind, this cable has been designed to carry a bigger amount of voltage.

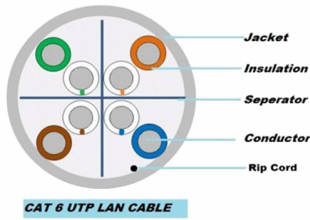
Heavily Braided with HDPE Insulation

HDPE, or high-density polyethylene, is an excellent material as a direct replacement for distribution insulators of all types. HDPE is much lighter than its porcelain counterparts and almost impervious to the cracking so common to porcelain.

About CP PLUS

The brand that is on its way to lead the world when it comes to the security and surveillance industry, CP PLUS, keeps bombarding the market with the most reliable range of products that have been designed carefully and methodically to automate the whole surveillance and security process, no matter how big your premises are.

It was the initiative to help the public in the area where they are the most vulnerable and to empower the sense of safety in our hearts that had conceptualized CP PLUS. And embarking on its mission to make the world a safer and more secure place has taken the brand's journey to unprecedented levels even when compared to international competitors.



CP-EUT-6TGL1-100

CAT6 UTP LAN Cable

Feature	Specification
Conduct Type	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	24 AWG (0.50 +/- 0.015MM)
Insulation	Polyethylene (HDPE)
No. of Pair	4, Each pair Twisted
Pairing	Twisted into Two core
Outer Sheath	PVC
Colour of Sheath	Grey
Approximate OD	5.70 ± 0.30 mm
Rip Cord	Yes
Cross Filler	HDPE
Drain Wire	Yes
Sequential Marking	At Every Meter
Velocity of Propagation	69%
Resistance Unbalance	5% Max
Capacitance Unbalance	330 Max. pf/100mtr
Conductor Resistance (DC)	98 @20°C Max
Worst Case Cable Skew	45 ns/100 mtr.
Worst Cable Skew	45 ns/100 mtr.
Characteristic Impedance	100 ± 15% Ohms
Temperature Rating	- 15 to +70 °C
Packing	100 Meters in TF Box
Mutual Capacitance	5.6nf/100Mtr. Max

High Frequency Electrical Parameters

FREQ (MHz)	ATT (dB/100m) max.	NEXT (dB) min.	PS.NEXT (dB) min.	ACRF (dB@100 m) min.	PS.ACRF (dB@ 100 m) min	Return Loss (dB/100m)
1	2.1	65	62	63.3	60.3	19
4	4	63	60.5	51.2	48.2	19
8	5.7	58.2	55.6	45.2	42.2	19
10	6.3	56.6	54	43.3	40.3	19
16	8	53.2	50.6	39.2	36.2	18
20	9	51.6	49	37.2	34.2	17.5
25	10.1	50	47.3	35.3	32.3	17
31.25	11.4	48.4	45.7	33.4	30.4	16.5
62.5	16.5	43.4	40.6	27.3	24.3	14
100	21.3	39.9	37.1	23.3	20.3	12
200	31.5	34.8	31.9	17.2	14.2	9
250	35.9	33.1	30.2	15.3	12.3	8

Company Name:

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