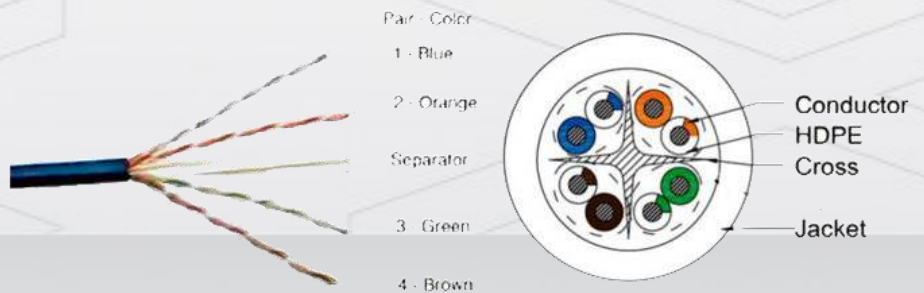


# CP-EUT-6TGL-305

## Cat6, 4Pair 23AWG UTP Cable (Tangle Free)

- Exceed ISO/IEC 11801, IEC 61156-5, ANSI/TIA /EIA- 568-C.2 Class E Standards backward compatible to Cat5e Applications
- Excellent Margin with suppression of Cross Talk (NEXT)
- 4 Pair Separator Design
- 23 AWG cable
- Optionally Available in Low Smoke Zero Halogen and PE jacket and Armoured



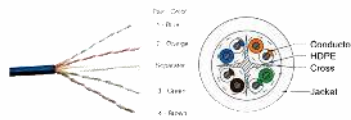
### System Overview

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.



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## Functions

### Solid Bare Copper Conductor

The use of a bare copper conductor in energy transmission installations to maximizes 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-6TGL-305

Cat6, 4Pair 23AWG UTP Cable (Tangle Free)

Feature	Specification
Conduct Type	Solid Bare Electrolytic Grade Copper
Nominal Conductor Diameter	23 AWG
Insulation	Polyethylene (HDPE)
No. of Pair	4, Each pair Twisted
Pairing	Twisted into Two core
Outer Sheath Material	PVC Sheath/ LSHZ
Colour of Sheath	Grey (RAL-7035), Option Available
Approximate OD	5.80mm
Rip Cord	Yes
Cross Filler	HDPE
Sequential Marking	Every Meter
Resistance Unbalance	5% Max
Conductor Resistance of solid cable	93.5Ω/1000 Mtr@20°C Max
Mutual Capacitance	5.6nf/100Mtr. Max
Packing	305 Mtrs
Temperature Rating	-20 to +60°C
Installation Temperature	0 to 50°C
Storage Temperature	-20 to +75°C
NVP	69%
Impedance	100±15% Ω
Tensile	110N
Min Bending Radius	10x Jacket Dia

## 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:**

CP PLUS (Aditya Infotech Ltd.)

F-28 Okhla Industrial Area, Phase 1,

New Delhi 110020, INDIA

Contact Mail ID :- [customercare@cpplusworld.com](mailto:customercare@cpplusworld.com)

