



Wires, Cables & Cords

# CCTV Cables

ELECTRIFYING YOUR FUTURE



## 1. 3+1 CCTV Cable

3+1 CCTV Cable is a copper braided CCTV cable. This CCTV 3+1 construction cable is of hybrid type with combination of Communication and Electrical conductors. The three power cores enables powering of the CCTV Camera while the communication cable (Video Core) enables recording of images and communicating with control Room devices based on camera capabilities.



### Specification

CCTV Cable	
Colour & Material	PVC White
Cable Diameter	5.80 mm +/- 0.40 mm
Jacket Thickness	0.75 mm +/- 0.20 mm
COAXIAL Cable	
Inner Conductor	Copper
No. of Conductors	1.00
Dielectric	Solid PE
Colour	Natural
Diameter	0.60 +/- 0.03 mm
Thickness	1.50 +/- 0.20 mm
Shield	6 mm (Aluminium Mylar Tape)
Shield – Braiding	Copper Braiding
Dia. of Braid Wire	0.11 +/- 0.02 mm
No. of Braiding Wires	48
Coax Jacket	PVC Type ST1
Colour	Black
Thickness	0.45 +/- 0.02 mm
Insulated Cores	Type A
Core Colour	Red, Yellow, Grey
CONDUCTOR	
No. of Strands	16
Strand Diameter	0.10 +/- 0.02 mm
Insulation	PVC Type A
Thickness (Average)	0.50 +/- 0.02 mm
Diameter (Average)	1.45 +/- 0.20 mm

## 2. 4+1 CCTV Cable

4+1 CCTV Cable is of hybrid type with combination of communication and electrical conductors. The 4 electrical conductor wires enable powering of the CCTV Camera while the communication cable enable recording of the images and communicating with control room devices based on the camera capabilities.

### Specification

Power Conductor Core	
Conductor Type	Stranded Annealed Bare Copper Conductor
No. of Wires / Size of Wire (Nos./mm)	16 / 0.10 mm +/- 0.010 mm
Insulation	PVC
No. of Cores	4
Colour Code	Red, Grey & Yellow
Core O.D.	1.35 +/- 0.10 mm
Video Core	
Conductor Type	Solid Annealed Bare Copper Conductor
No. of Wires / Size of Wire (Nos./mm)	1 / 0.60 mm +/- 0.015 mm
Insulation	HDPE
No. of Cores	1
Colour Code	Natural
Shield	
Shielded With	Al-Mylar
Braiding	Copper Wire
Video Core Jacketing	PVC
Colour of Jacket	Black
Video Core O.D.	2.50 mm +/- 0.20 mm
Outer Sheath	
Material	PVC
Colour of Jacketing	White (As per Customer Requirement)
Outer Dia.	5.80 mm +/- 0.30 mm
Sequential Marking	Every Meter
Braiding Shielding	Wire Braid of Copper
Low Frequency Parameters	
Conductor Resistance (DC) of Solid Core	65 $\Omega$ /1000m @ 20°C Max
Conductor Resistance (DC) of Stranded Core	150 $\Omega$ /1000m @ 20°C Max
T.S in PVC Jacket	12.5 N/sqmm
Elongation in PVC Jacket	150 %