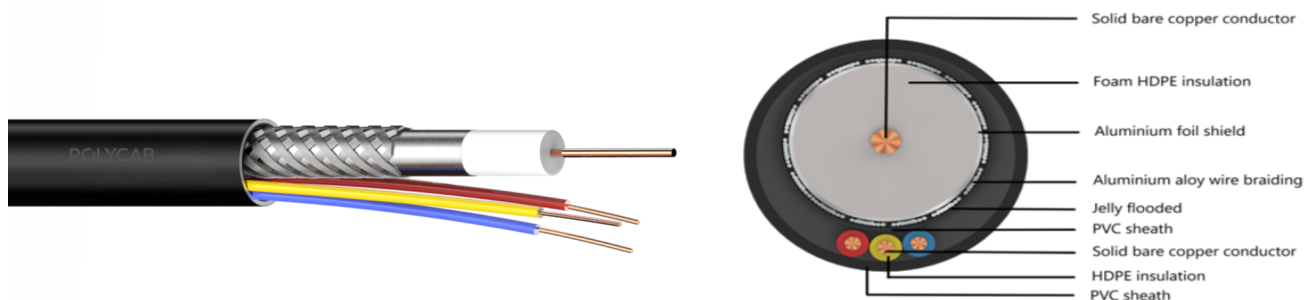


POLYCAB CCTV cable

Communication cable



Images not to scale. Follow table for dimensions

APPLICATION

Polycab CCTV cable is designed to use in close circuit camera system for safety and security management in industries, Malls, hospitals, shops, Roads and offices.

CHARACTERISTICS

Operation Temperature

Max.: 70° C

CONSTRUCTION

- Solid bare copper conductor
- Insulated with HDPE (high density polyethylene)
- Co-axial cable: RG 59 F
 - Solid bare copper
 - Insulated with foam HDPE (high density polyethylene)
 - Inner shielded by Aluminium foil
 - Braided by aluminium alloy wire braiding with tensile strength
 - flooded with jelly
 - Sheathed with PVC type ST1
 - Sheathed with PVC type ST1

Bending Radius

60 mm

OUTSTANDING FEATURES

- Minimum loss in signal quality
- Higher bandwidth
- Low attenuation value
- Minimum structural return loss (SRL)
- Moisture proof

OUR ACCREDITATIONS



APPROVAL



NOTES

CCTV armoured cable is available on demand

Dimension Data

Product basic code	CCTV cable type	CCTV cable	Nominal dia. over insulation mm	Dia. over dielectric (RG 59 F) mm	Overall diameter mm
CCPB05CPUAY1003C0.5M	CCTV (3+1)	RG 59 F + 3C x 0.5mm	0.9	3.55	7.5±1.5
CCPB05CPUAY1004C0.5M	CCTV (4+1)	RG 59 F + 4C x 0.5mm	0.9	3.55	7.5±1.5

Electrical characteristics

Parameter	CCTV (3+1)	CCTV (4+1)
Nominal impedance (Ω)	75±3	75±3
Capacitance (pf/m)	53±3	53±3
Maximum DC conductor resistance at 20°C (Ω/km)	35.5	35.5
Velocity of propagation (%)	82	82
Attenuation at 20°C (dB/100 m) at		
5 MHz	2.82	2.82
55 MHz	6.73	6.73
211 MHz	12.47	12.47
250 MHz	13.45	13.45
300 MHz	14.6	14.6
350 MHz	15.75	15.75
400 MHz	16.73	16.73
450 MHz	17.72	17.72
550 MHz	19.52	19.52
600 MHz	22.87	22.87
750 MHz	24.67	24.67
865 MHz	26.64	26.64
1000 MHz	21.45	21.45