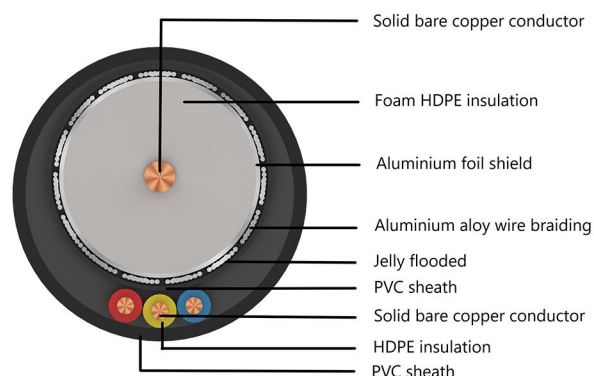




CCTV CABLE

Document ID: TE/QMS/F/02

DESIGN CODE : CCPB05CPUAY1003C0.5M

Description	CCTV (3 + 1) Unarmoured Cable
Manufacturers Name	POLYCAB INDIA LTD
Construction	RG59 + (3Cx0.50mm)
POWER Conductor	
a) Material	Solid Bare Copper
b) Conductor Size (mm)	0.50
c) Shape of conductor	Round
Insulation	
a) Material	High Density Polyethylene
b) Nom Thickness of insulation (mm)	0.20
c) Method of Application	Extrusion
d) Nom Diameter Over Insulation (mm)	0.90
e) Colour of Core	Red, Yellow, Blue
CO-AXIAL Conductor	
a) Material	Solid bare Copper
b) Inner Conductor Diameter (mm)	0.8 ± 0.005
Insulation	
a) Material	Foam HDPE
b) Dia. Over Dielectric (mm)	3.550
c) Insulation Thickness (mm)	1.375
Inner Shield	
a) Material	Alum. Foil
b) Dia. Over Inner Shield (mm)	3.75
c) Thickness of Al Foil (mm)	0.052

Outer shield

a) Material	Aluminium Alloy
b) Diameter of Al. Alloy wire (mm)	0.12
c) Min. Braiding Coverage (%)	60
d) Flooding Compound	JELLY

Sheath

a) Material	ST 1 PVC
b) Min. Sheath thickness (mm)	0.50

Overall Outer Sheathing

a) Material	PVC
b) Grade	ST1
c) Colour	White
d) Thickness (mm) Min.	0.60
Approx. Overall Diameter (mm)	7.50 ± 1.5

Electrical Parameters

a) Nominal Impedance	Ohm/Km	75 ± 3
b) Capacitance	pF/mtr	53 ± 3
c) Conductor Resistance @ 20°C (Max)	Ohm/Km	35.50
d) Attenuation @20 Deg C	dB/100mtr	
	5 MHz	2.82
	55 MHz	6.73
	211 MHz	12.47
	250 MHz	13.45
	300 MHz	14.60
	350 MHz	15.75
	400 MHz	16.73
	450 MHz	17.72
	550 MHz	19.52
	600 MHz	20.34
	750 MHz	22.87
	865 MHz	24.67
	1000 MHz	26.64

Printing

"POLYCAB" "3 CORE x 0.50MM + RG-59F CO-AXIAL 75 OHMS" CCTV CABLE DAMAN" + Mtr Marking + Julian Date

Rev. No.: 00

Issued Date : 23/12/2021

Note:-The values given above are subject to tolerances as per the relevant standards.

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