

TECHNICAL DATA SHEET -CCTV CABLE

TECHNICAL DATA		
Temperature range		-15 deg C to +70 deg C
Insulation		Type-A as per IS 5831:84 or as per customer requirement
Screening of Video core		ATC Copper braiding
Sheathing		Type-ST1 as per IS 5831:84 or as per customer requirement
Packing		In 100- meter coils, higher sizes on drum or as per requirements
CORE COLOUR	2 Core	Red & Black
	3 Core	Red , Black & Yellow
	4 Core	Red ,Yellow, Blue & Black
	5 Core	Red ,Yellow, Blue, Black & Grey
	6 Core	Red ,Yellow, Blue, Black, Grey & Violet or Grey colour with no.print

TECHNICAL DATA OF CCTV CABLE

Product : ABC Conductor, PVC core Insulation, Video core PE Insulated, ATC Copper braiding & PVC Jacket

AREA	No. of core	No. of wire / Nominal wire diameter	Insulation Thickness (Nominal)	Over all Video core diameter	Braiding wire diameter of video core (Max.)	Coverage of Video core (Nominal)	Sheath Thickness (Nominal)	Sheath Diameter (Nominal)	Conductor Resistance (Max.)
Sq mm	No.	No. / mm	mm	mm	mm	%	mm	mm	Ohm/ Km
0.25 Sq mm (Power + Video core)	2 + 1 core	14 / 0.15	0.40	3.1	0.16	95	1.0	6.0	79.0
	3 + 1 core	14 / 0.15	0.40	3.1	0.16	95	1.0	6.5	79.0
	4 + 1 core	14 / 0.15	0.40	3.1	0.16	95	1.2	7.5	79.0
	5 + 1 core	14 / 0.15	0.40	3.1	0.16	95	1.2	8.0	79.0
	6 +1 core	14 / 0.15	0.40	3.1	0.16	95	1.2	8.3	79.0

- NOTE:** 1) No. of wires indicated are approximate and diameter of strand is nominal.
 2) Insulation & Sheath thickness given are nominal and overall diameter is approximate.
 3) Video core is ATC braided.