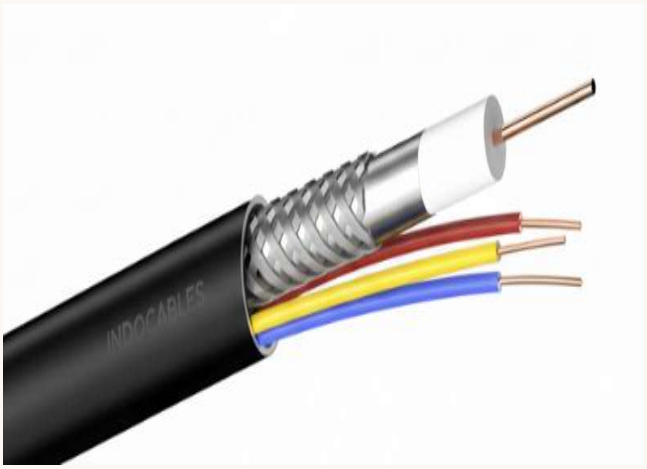
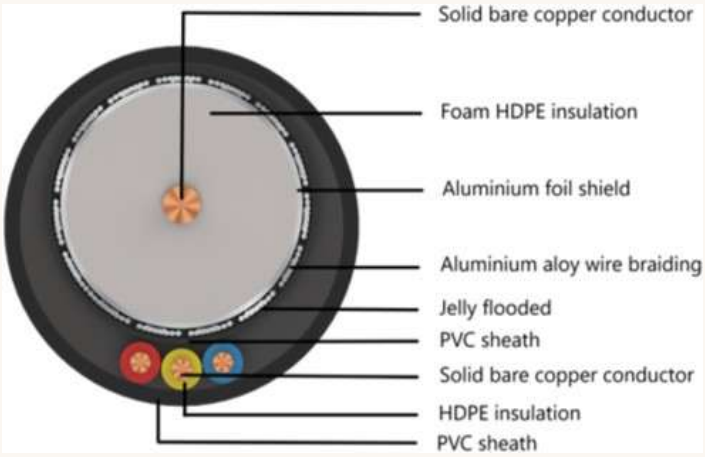
COMMUNICATION CABLE · CCTV CABLE · RG 59 F

INDOCABLES CCTV CABLE COMMUNICATION CABLE





Images not to scale. Follow table for dimensions

APPLICATION

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

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

CHARACTERISTICS

OPERATION TEMPERATURE
Max.: 70° C

BENDING RADIUS
60 mm

NOTES
CCTV armoured cable is available on demand

OUTSTANDING FEATURES

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

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
IC-CM-03-00050-CU-PE-2YY-0000-CUST †	CCTV (3+1)	RG 59 F + 3C x 0.5mm	0.9	3.55	7.5±1.5
IC-CM-04-00050-CU-PE-2YY-0000-CUST †	CCTV (4+1)	RG 59 F + 4C x 0.5mm	0.9	3.55	7.5±1.5

† Code derived from the Indo Cables code structure — no CCTV composite row exists in the code master. See flags F3 and F4.

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[F2]	21.45[F2]

FLAGGED FOR CONFIRMATION

F1 The construction list prints "Sheathed with PVC type ST1" twice. Reproduced as written.

F2 Attenuation at 1000 MHz (21.45) is lower than at 865 MHz (26.64). Reproduced as written.

F3 Both codes are derived — the code master holds no CCTV composite row. The "+1" coaxial element cannot be expressed in position 3, which carries the 3 or 4 power cores.

F4 No voltage grade is declared on the sheet, so position 8 carries 0000 (not applicable) and position 9 carries CUST.

F5 The NABL, FQC and CE marks in the source "Our Accreditations / Approval" area have been removed. BIS CM/L 6200267409 is held against IS 7098 Part 1; this sheet declares no standard.

ISO 9001 Cert. 99 100 22646 (TÜV SÜD)

ISI BIS CM/L 6200267409 (IS 7098 Pt-1)[F5]

ROHS Compliant

REACH Compliant

MAKE IN INDIA Manufactured in India