

COAX CABLE

RG 59 B/U 75 Ω

Transmission of a video or audio signal in applications such as security systems or CATV



CONSTRUCTION

Formation:

Plain annealed copper wire, solid

Insulation:

Polyethylene - PE

Braid:

Coverage: 88%

Outer Sheath:

Polyvinyl chloride - PVC

Colour Outer Sheath:

Black

STANDARD REFERENCES

- IEC 60332-1

ON REQUEST

- Armor in steel wire (SWA)
- Armor in steel wire braid (SWB)
- Outer Sheath in LSZH
- Double outer sheath (for external use)

CPR CLASSIFICATION

EN 50575:2016 - E_{CA}

TEMPERATURE RANGE

During Operation:

-30° C up to +80° C

During Installation:

-5° C up to +50° C



ELECTRICAL DATA

Insulation Resistance @ 20°C:

> 5000 MOhm*Km

Impedance:

75 Ohm

Capacitance:

66 pF/m

Velocity of Propagation:

66%

Operating Voltage:

300 V

CHARACTERISTICS

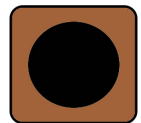
Coaxial Cable



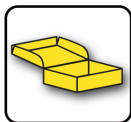
Min. Bending Radius
8 x cable diameter



Fixed Laying



PACKAGE:



WARNING

These cables can be installed along with power cables marked 450/750 V or 0,6/1 kV operating with systems having maximum voltage to ground 400 V AC



COAX CABLE

RG 59 B/U 75 Ω

Standard Version

RAMCRO CODE	OUTER DIAMETER [mm]	WEIGHT [kg/km]
RG 59	6.1	55

FREQUENCY [MHz]	ATTENUATION [dB/100m]
50	8.8
100	12.2
200	18.1
450	29.0
800	37.8
860	43.3
1000	46.6

ELECTRICAL RESISTANCE AT 20°C	[Ω/km]
CONDUCTOR RESISTANCE	66.0