

COAX CABLE

RG 58 C/U 50 Ω

Transmission of dat signals in applications such as antenna feed cables or Ethernet backbones



CONSTRUCTION

Conductor:

Tinned copper wire, multistrand

Dielectric:

Low density polyethylene - LDPE

Braid:

Tinned copper wire braid - Coverage: 90%

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:

50 Ohm

Capacitance:

100 pF/m

Velocity of Propagation:

66%

Operating Voltage:

300 V

CHARACTERISTICS

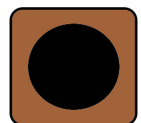
Coaxial Cable



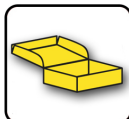
Min. Bending Radius
8 x cable diameter



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



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Standard Version

RAMCRO CODE	OUTER DIAMETER [mm]	WEIGHT [kg/km]
RG 58	4.9	38

FREQUENCY [MHz]	ATTENUATION [dB/100m]
50	12.6
100	18.1
200	26.5
400	32.5
800	53.4
1000	65.2

ELECTRICAL RESISTANCE AT 20°C	[Ω /km]
CONDUCTOR RESISTANCE	41.2