

COAXIAL RG 59/U (CCTV)

Info

- CCTV / CATV
- 75 Ohm, solid copper



Application range

- CCTV and CATV video transmission and data networking
- RF/Data communication, 75 Ohm
- Indoor and outdoor (non burial) application

Product features

- Offer good screening against external interference
- Flame retardant acc. to IEC 60332-1-2

Approvals (Norm references)



Product Make-up

- Solid bare copper conductor
- PE core insulation
- Bare copper wire braiding, approx. 95% coverage
- PVC outer sheath, black

Technical data

- Mutual capacitance**
67.2 pF/m, C-S
- Peak operating voltage**
300 Vrms max.
- Conductor resistance**
max. 66.9 Ohm/km
Attenuation loss
11.0 dB/100m, at 100 MHz
40.0 dB/100m, at 1000 MHz
- Minimum bending radius**
10 x cable diameter
- Test voltage**
1000 V
- Temperature range**
-30 °C to +70 °C
- Characteristic impedance**
75 +/- 3 Ohm

Article number	Conductor cross-section	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3803951	1x23 AWG	6.14	23.8	49.0

Photographs are not to scale and do not represent detailed images of the respective products.

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Product features

- Offer good screening against external interference
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Approvals (Norm references)



Product Make-up

- Solid bare copper conductor
- Foam PE core insulation
- Aluminium tape
- Bare copper wire braiding, approx. 95% coverage
- PVC outer sheath, black

Technical data

- Mutual capacitance**
nom. 54.2 pF/m, C-S
- Peak operating voltage**
300 Vrms max.
- Conductor resistance**
max. 22 Ohm/km
Attenuation loss
12.0 dB/100m, at 300 MHz
21.0 dB/100m, at 1000 MHz
- Minimum bending radius**
10 x cable diameter
- Test voltage**
2500 V
- Temperature range**
-30 °C to +70 °C
- Characteristic impedance**
75 +/- 3 Ohm

Article number	Conductor cross-section	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
3804606	1x18 AWG	6.91	26.7	55.8

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