

COAXIAL RG SERIES RG 59/U, RG 6/90, RU 11/U



Info

- Low attenuation loss
- 75 Ohm
- TÜV SÜD PSB type approved for 3801313



Benefits

- Broadband for low loss attenuation of high frequency signal

Application range

- CATV video transmission and data network
- Optimizing frequency up to 1000 MHz
- Suitable for use in dry and damp areas

Product features

- Double screen, offer good screening against external interference
- UV-resistant
- Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

- TÜV SÜD PSB type approved for 3801313

Product Make-up

- Bare copper plated steel solid conductor
- Foam PE core insulation
- Aluminium foil bonded, 100% coverage
- Aluminium wire braiding
- PVC outer sheath, black

Technical data

- Classification**
ETIM 5.0 Class-Description: Coaxial cable
ETIM 5.0 Class-ID: EC000019
- Mutual capacitance**
51 pF/m
- Minimum bending radius**
Fixed installation: 10 x cable diameter
- Characteristics impedance**
75 ± 3 Ohm (3800768 & 3800720)
75 ± 2 Ohm (3801313)
- Temperature range**
Fixed installation: -30°C to +80°C

Article number	Article designation	Conductor cross-section	Outer diameter (mm)	Working voltage in V	Min. braiding coverage	Copper index (kg/km)	Weight (kg/km)
COAXIAL RG SERIES RG 59/U, RG 6/90, RU 11/U							
3800768	RG 59/U	1 x 20 AWG	6.0	350	68%	0.3	33
3801313	RG 6/U	1 x 18 AWG	6.8	350	90%	0.5	43
3800720	RG 11/U	1 x 14 AWG	10.2	600	60%	1.2	100

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.

COAXIAL RG 59/U



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

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

Product Make-up

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

Technical data

- Classification**
ETIM 5.0 Class-Description: Coaxial cable
ETIM 5.0 Class-ID: EC000019
- Mutual capacitance**
67.2 pF/m, C-S
- Peak operating voltage**
300Vrms 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
- Characteristics impedance**
75 ± 3 Ohm
- Temperature range**
-30°C to +70°C

Article number	Conductor cross-section	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
COAXIAL RG 59/U				
3803951	1 x 23 AWG	6.1	23.8	49

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