

Data Cables • Low frequency data transmission

# Info

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

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

LAPP KABEL STUTGART COAXIAL RG 6/90

#### **Benefits**

· Broadband for low loss attenuation of high frequency signal

## **Application range**

- CATV video transmission and data
- 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: Coxial 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



CCTV / CATV

Info

· 75 Ohm, solid copper

### **Application range**

- · CCTV and CATV video tranmission 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

#### LAPP KABEL COAXIAL RG59/U CCTV

#### **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: Coxaial

ETIM 5.0 Class-ID: EC000019

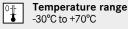
**Mutual capacitance** 

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



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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