

COAXIAL RG 6/U



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

Info

- CCTV / CATV
- 75 Ohm, solid copper

Technical data

- Classification**
ETIM 5.0 Class-Description: Coaxial cable
ETIM 5.0 Class-ID: EC000019
- Mutual capacitance**
nom. 54.2 pF/m, C-S
- Peak operating voltage**
300Vrms 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
- Characteristics impedance**
75 ± 3 Ohm
- Temperature range**
-30°C to +70°C

Article number	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
COAXIAL RG 6/U			
3804606	6.9	26.7	56

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

UNITRONIC® BUS DeviceNet™ THICK + THIN



Application range

- Stationary application
- DeviceNet™ connects industrial devices e.g. limit switches, photoelectric switches, valve islands, motor starters, drivers, PLCs, etc
- DeviceNet™ Bus system (Rockwell Automation)

Product Make-up

- Stranded tinned copper conductor
- PE core insulation
- PVC sheath
- Colour: chrome grey, RAL 7005

Product features

- Based on proven CAN (Controller Area Network) technology
- Permissible cable lengths vary with the data rate and the cable thickness
- THICK cable total trunk length 125 kbit/s = 100 m
- THIN cable total trunk length 125 kbit/s = 6 m
250kbit/s = 6 m
500kbit/s = 6 m

Info

- DeviceNet™

Technical data

- Classification**
ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830
- Core identification code**
Data pair: light blue + white
Power supply: red + black
- Mutual capacitance**
(800 Hz) max. 40 nF/km
- Peak operating voltage**
300 V (not for power applications)
- Conductor resistance**
Thick (loop): max. 45 ohm/km
Thin (loop): max. 180 ohm/km
- Minimum bending radius**
Fixed installation: 10 x outer diameter
- Characteristics impedance**
at 1 MHz: 120 ± 10 Ohm
- Temperature range**
Fixed installation: -20°C to +70°C

Article number	Number of pairs and AWG size	Number of cores and mm ² per conductor	Dimension and cross section in mm ²	Outer diameter (mm)	Colour	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS DeviceNet™ THICK + THIN							
3801234	1 x 2 x 24	1 x 2 x 24	1 x 2 x 24	12.0	chrome grey	80.9	159
3801235	1 x 2 x 18	1 x 2 x 18	1 x 2 x 18	7.2	chrome grey	30.5	67

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