

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	Article designation	Number of pairs and AWG per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/km)
UNITRONIC® BUS DeviceNet™ THICK + THIN					
3801234	DeviceNet THICK	1x2x18AWG + 1x2x15AWG	12.0	80.9	159
3801235	DeviceNet THIN	1x2x24AWG + 1x2x22AWG	7.2	30.5	67

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