

RG 214 VAR.A BLACK SHEATH

RG 214

Nexans ref.: 10042596

Country ref.: 373181

RG214 - Coaxial cable 50 ohms

Description

To: MIL C17

Main characteristics

Operating temperature: - 40 to +85°C

Continuous working voltage: 3700 volts

Maximal operating frequency: 11 GHz

Good resistance to flame NFC 32070/C2 (CEI 332 -1&2)

Capacitance: <106 pF/m

Relative velocity of propagation: 65.9 %

Characteristic impedance at 200 MHz: 50 ± 2 ohms

Attenuation

- at 200 MHz: 9 dB/100 m
- at 400 MHz: 13 dB/100 m
- at 3000 MHz: 46 dB/100 m
- at 10000 MHz: 100 dB/100 m

Dielectric withstanding at 50 Hz: 10 kV

Nominal weight: 196 kg/km

Application

High frequency connections.

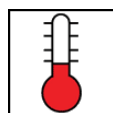


Related Information

In addition to the standard products you will find within these pages, our development and studies engineers are at your disposal to provide their experience in tailoring any of our products to meet your precise requirements.

Contact

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Operating temperature, range
-40 .. 85 °C

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Characteristics

Construction characteristics

Conductor material	Silvered copper
Type of conductor	Circular, stranded
Insulation	PE
Screen	Double silvered copper braid
Outer sheath	PVC

Dimensional characteristics

Number of cores	1
Conductor diameter	2.25 mm
Diameter over insulation	7.25 mm
Number of screen braids	2
Nominal outer diameter (mm)	10.8 mm
Wire diameter	0.75 mm
Number of wires per strand	7
Approximate weight (kg/km)	196 kg/km

Electrical characteristics

Impedance at 200 MHz	50 Ohm
Operating voltage (V)	3700 V
Relative propagation velocity	65.9 %
Nominal capacitance core to core	106.0 pF/m

Usage characteristics

Operating temperature, range	-40 .. 85 °C
Length (m)	1000 m
Packaging	Reel