

Coaxial cables - impedance 50 Ohm

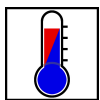
RG-223/U*
Nexans ref.: 430923

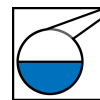
Description

50 Ohm are typical for broadcast communication. Nexans coaxial cables are divided into stranded applications with PVC jacket and special applications engineered like Marine, Railway, HFFR (Halogen Free Flame Retardant).



Standards

International IEC 61196-1

 Operating temp. range
 -40 .. 80 °C

 Weather resistance
 Good

 Oil resistance
 Yes

 Flame retardant
 Yes

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Characteristics

Construction characteristics	
Conductor material	Silver-plated copper
Conductor flexibility	Solid
Core identification	Natural
Insulation	PE
Screen	No
Outer sheath	PVC
Sheath colour	Black
Dimensional characteristics	
Number of wires per strand	1
Conductor diameter	0.9 mm
Diameter over insulation	3.0 mm
Nominal outer diameter	5.3 mm
Approximate weight	58 kg/km
Electrical characteristics	
Nominal capacitance core to core	101.0 pF/m
Max. RF voltage (r.m.s.)	1.9 kV
Insulation Relative dielectric coefficient	2.3
Relative propagation velocity	0.66 %
Transmission characteristics	
Attenuation, nom. 200 MHz	20.0 dB/100m
Usage characteristics	
Operating temperature, range	-40 .. 80 °C
Weather resistance	Good
Oil resistance	Yes
Flame retardant	Yes