

RG-223/U

Low Loss Coaxial Cable, 0 - 6000 MHz

RG-223/U is a low loss coaxial cable with dual braided outer conductor

- Solid inner conductor, Ø 0.9 mm.
- Flame retardant jacket, CPR classification Eca.
- For applications up to 6000 MHz.



ELECTRICAL SPECIFICATIONS

Type	Coaxial Cable
Frequency	0 - 6000 MHz
Attenuation	See table
Propagation Velocity	66 %
Capacitance	100 pF/m
Impedance	50±2 Ohm
Max. Power	See table

MECHANICAL SPECIFICATIONS

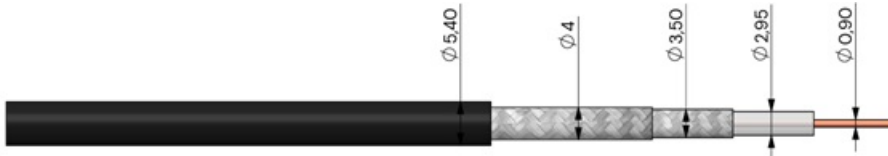
Color	Black
Inner Conductor	Ø 0.9 mm, Silver plated Solid Copper
Dielectric	Ø 2.95 mm, Low Density Polyethylene (PE)
Outer Conductor	First braid: Ø 3.5 mm (112 x 0.13 mm), Silver plated Copper Second braid: Ø 4.0 mm (112 x 0.13 mm), Silver plated Copper
Jacket	Ø 5.4 mm, Flame retardant Thermoplastic
Min. Bending Radius	54 mm
Weight	60.7 kg/km
Operating Temperature	-40 to +80 °C

Datasheet

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ORDERING INFORMATION

RG-223/U-500	Single plywood drum, 500 m.
RG-223/U-1000	Single plywood drum, 1000 m.



RG-223/U		
Frequency [MHz]	Attenuation [dB/100m]	Max. Power [W]
30	7.1	462
150	16.6	207
450	30.1	119
800	41.6	89
1000	47.4	80
1500	60.5	65
2000	72.2	57
2500	82.6	51
3000	90.5	46
5200	126.3	35
5800	136.7	34