

Coaxial Cable

RG223/U

pro-POWER

RoHS
Compliant



Product Description:

Application	For communication and signal control systems
Reference Standard	Customer's sample spec.and the general standard
Multi-construction	1

Cable Construction:

Conductor	Silvered Plated Copper
Construction	0.89
Standard Dia.(mm)	0.89
Insulation	SPE
Thickness	1.02
Insulation Dia.(mm)	2.95
Insulation Colour	Nature
Shield	
Braiding Layer 1	Silvered Plated Copper
Construction (stranded)	$0.13 \pm 0.008 \times 16 \times 7$
Braiding coverage	95%
Braiding Layer 2	Silvered Plated Copper
Construction (stranded)	$0.13 \pm 0.008 \times 16 \times 7$
Braiding coverage	95%
Jacket	PVC
Thickness (mm)	≥ 0.6
Dia.(+/-0.1mm)	5.4
Jacket Colour	Black
Packaging	100m reels

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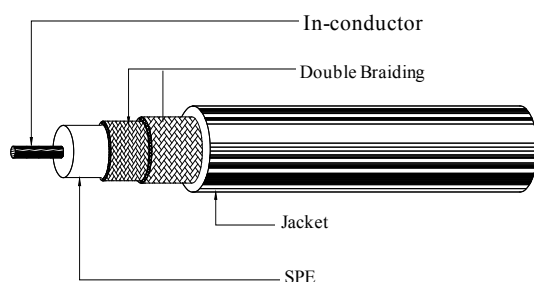
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Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/Km)	<29.9
Min. Insulation DC Resistance at 20°C at 500V ($\text{M}\Omega \cdot \text{Km}$)	>10,000
Max. Operating Frequency	12.4Ghz
Rated Temperature (°C)	80
Rated Voltage (V)	30
Capacitance (pF/m)	101
Velocity ratio	66%
Impedance (Ω)	50 $\pm$ 2
Withstand voltage of sheath	3kV AC, 4.5kV DC
Withstand voltage of dielectric	2.4kV AC, 3.4kV DC
Attenuation at 20°C (dB/100m) (+/-8%)	
30MHz	7
200MHz	19
500MHz	30
1,000MHz	42
3,000MHz	76

Design:



Part Number Table

Description	Part Number
Cable, Coaxial, 100m reel, Black, RG223	PP000615

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