

# 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:

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

# Coaxial Cable

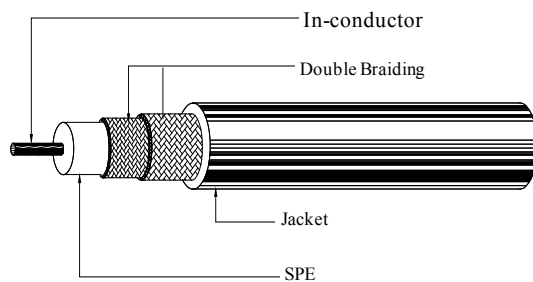
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### Electrical Characteristics:

Max. Conductor DC Resistance at 20°C ( $\Omega$ /Km)	<29.9
Min. Insulation DC Resistance at 20°C at 500V ( $M\Omega$ *Km)	>10,000
Max. Operating Frequency	12.4Ghz
Rated Temperature (°C)	80
Rated Voltage (V)	30
Capacitance (pF/m)	101
Velocity ratio	66%
Impedance ( $\Omega$ )	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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