

Coaxial RG223

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

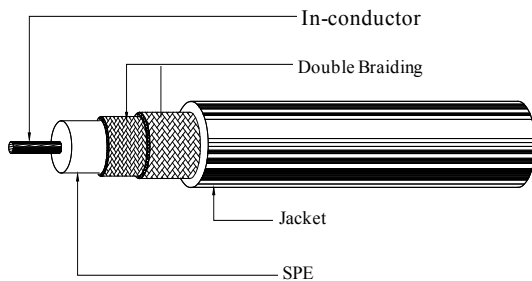
Cable Construction:

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 ±0.008 × 16 × 7
Braiding coverage	95%
Braiding Layer 2	Silvered Plated Copper
Construction (stranded)	0.13 ±0.008 × 16 × 7
Braiding coverage	95%
Jacket	PVC
Thickness (mm)	≥0.6
Dia.(+/-0.1mm)	5.4
Jacket Colour	Black
Marking	RG Wire & Cable Limited RG 223 /U 50 Ohm PVC [MM] {WkYr}
Packaging	100m reels

Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/Km)	<29.9
Min. Insulation DC Resistance at 20°C at 500V (MΩ*Km)	>10,000
Rated Temperature (°C)	80
Rated Voltage (V)	30
Capacitance (pF/m)	101
Velocity ratio	66%
Impedance (Ω)	50 ±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, Black, RG223	3231

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. pro-POWER is the registered trademark of the Group. © Premier Farnell plc 2012.