

RG223 Double-Shielded Braided Cable

50Ω braided coaxial cable with copper conductor and wire braid shield, widely used in radio communication.

IMPEDANCE	OUTER DIAMETER
50±2 Ω	**5.3 mm**
MAX. FREQUENCY	
3000 MHz	

RG223 | 50Ω | 50Ω RG Series Braided Coaxial Cable

Custom lengths, connectors and pre-assembled jumpers are available. Send us your specification for a quotation.

TECHNICAL DATA

Technical parameters

Source: 2026 Technical Selection Manual

STRUCTURE

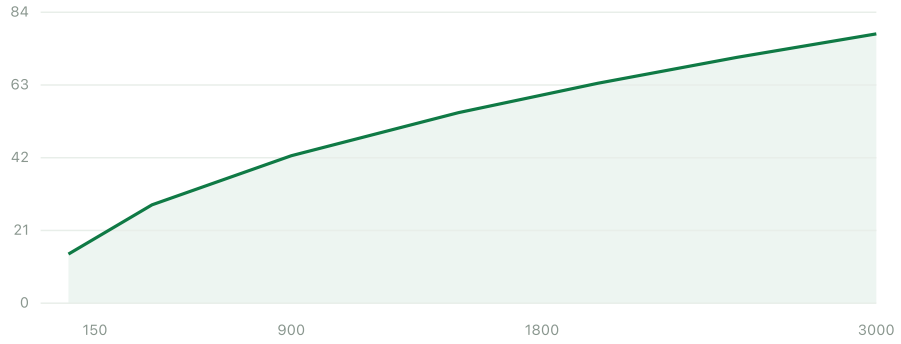
Inner conductor	silver-plated copper wire 0.9±0.045 2. insulation PE 2.95±0.15
Outer conductor	double-layer silver-plated copper braid Nom.3.95
Jacket	black PVC 5.3±0.27
Inner conductor	silver-plated copper wire 1/0.90±0.01mm

Dielectric	PE 2.95±0.10mm braid-1 silver-plated copper wire 96*0.12mm braid-2 silver-plated copper wire 112*0.12mm outer jacket PVC 5.40±0.10mm

MECHANICAL & ENVIRONMENT

Operating temperature	(°C) -25 to +70 bending radius (mm) 25 ROHS compliant

ATTENUATION & POWER



Attenuation in dB/100 m at 20 °C, nominal values (±5%).

MHz	dB/100m	MHz	dB/100m
100	14.23	2000	63.64
400	28.46	2500	71.15
900	42.69	3000	77.94
1500	55.11		

Product description

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