

RG316S Silver-plated Braided Cable

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

IMPEDANCE	OUTER DIAMETER
50±2 Ω	**2.5 mm**
MAX. FREQUENCY	
3000 MHz	

RG316S | 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

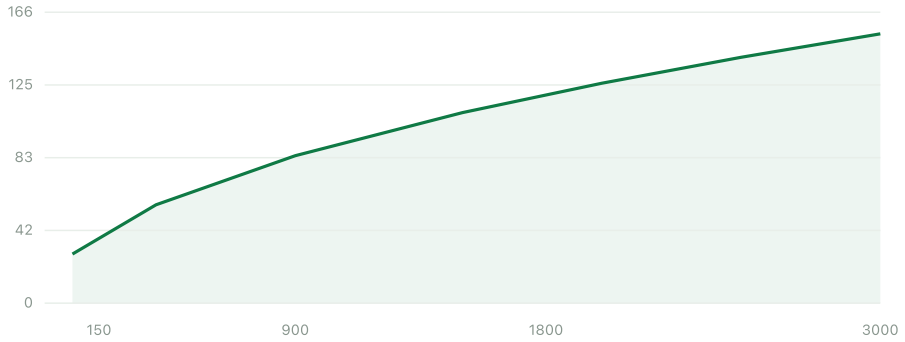
STRUCTURE

Inner conductor	silver-plated copper-clad steel wire 7±0.35 × 0.175 2. insulation PTFE 1.52±0.076
Outer conductor	single-layer silver-plated copper braid Nom.1.95
Jacket	FEP 2.5±0.12
Inner conductor	silver-plated copper wire 7/0.17±0.01mm
Dielectric	PTFE 1.52±0.05mm braid silver-plated copper wire 80*0.10mm outer jacket FEP 2.50±0.10 mm

MECHANICAL & ENVIRONMENT

Operating temperature	(°C) -55 to +200 bending radius (mm) 13 ROHS compliant

ATTENUATION & POWER



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

MHz	dB/100m	MHz	dB/100m
100	28.14	2000	125.87
400	56.29	2500	140.72
900	84.43	3000	154.15
1500	109		

Product description

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