

RG8 Braided Coaxial Cable

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

IMPEDANCE	OUTER DIAMETER
50±2 Ω	**10.4 mm**
MAX. FREQUENCY	
3000 MHz	

RG8 | 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

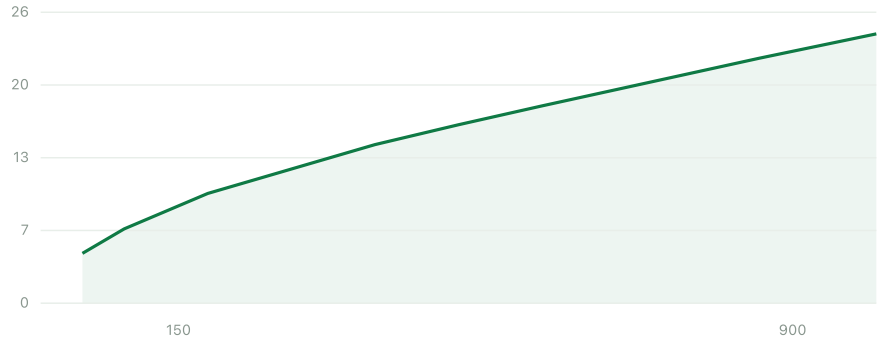
STRUCTURE

Inner conductor	bare copper wire (7 stranded) 2.25 mm
Dielectric	LDPE 7.25 mm
Outer conductor	bare copper braid (coverage 97%)8.40 mm
Jacket	PVC / LSZH 10.40 mm

MECHANICAL & ENVIRONMENT

Jacket material	PVC / PE
Weight	≈ 8 kg/km
Installation temperature	≥ −20 °C
Standards	IEC 61196-1, MIL-C-17 (equivalent to MIL standard), GB/T 14864
Applications	walkie-talkie, repeater, indoor distribution and equipment-room jumper

ATTENUATION & POWER



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

MHz	dB/100m	MHz	dB/100m
50	4.5	500	16.1
100	6.7	600	17.8
200	9.9	860	22.1
400	14.3	1000	24.3

Product description

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