

RG174 Miniature Braided Cable

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

IMPEDANCE	MAX. FREQUENCY
50±2 Ω	**3000 MHz**

RG174 | 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

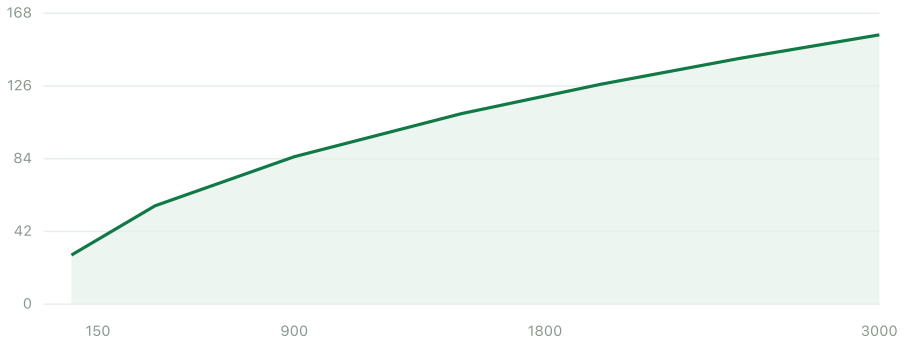
Inner conductor	nominal diameter / 7*0.16mm
Dielectric	nominal diameter / 1.60mm braid braid coverage / 90% outer jacket nominal diameter / 2.7±0.10mm

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
100	28.46	2000	127.28
400	56.92	2500	142.3
900	85.38	3000	155.88
1500	110.23		

Product description

50Ω braided coaxial cable with copper conductor and wire braid shield, widely used in radio communication. Please contact us for detailed specifications.