

RG174LL Low-Loss Coaxial Cable

RG174LL low-loss version with stranded CCS center conductor, irradiated XLPE insulation and foil+braid shield, 105C rated, for automotive and IoT RF connections.

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

RG174LL | 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

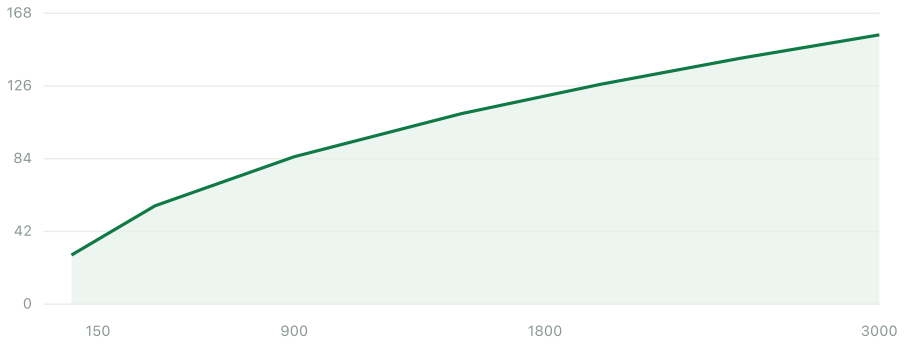
Inner conductor	nominal diameter / 7*0.16mm
Dielectric	nominal diameter / 1.60mm braid braid coverage / 90% outer jacket nominal diameter / 2.7±0.10mm

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		

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