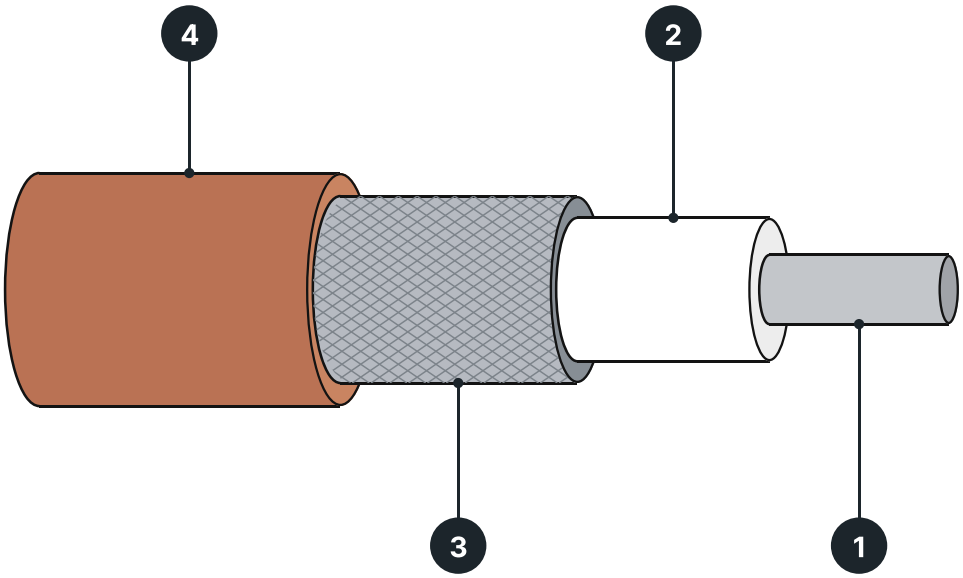
RG303 Coaxial Cable

50Ω Coaxial Cable · Single Braid Shield · PTFE

McGill Part No: RG303

CABLE CONSTRUCTION



Numbered callouts correspond to the construction table below. Not to scale.

CONSTRUCTION SPECIFICATIONS

No.	Component	Material	Size (mm)
1	**Inner Conductor**	Silver-Plated Copper	0.94
2	**Dielectric**	PTFE	3.00
3	**Braid**	Silver-Plated Copper	112 × 0.12
4	**Jacket**	FEP — Tan	4.30

ELECTRICAL SPECIFICATIONS

Parameter	Value	Unit
Impedance	50	Ω
Capacitance	95	pF/m
Velocity of Propagation	70	%
Max Voltage	1,400	V RMS
Max Frequency	3,000	MHz

Contact us for more details
Email: contact@mcgillmicrowave.com | Tel: +44 (0)1592 655428 | www.mcgillmicrowave.com

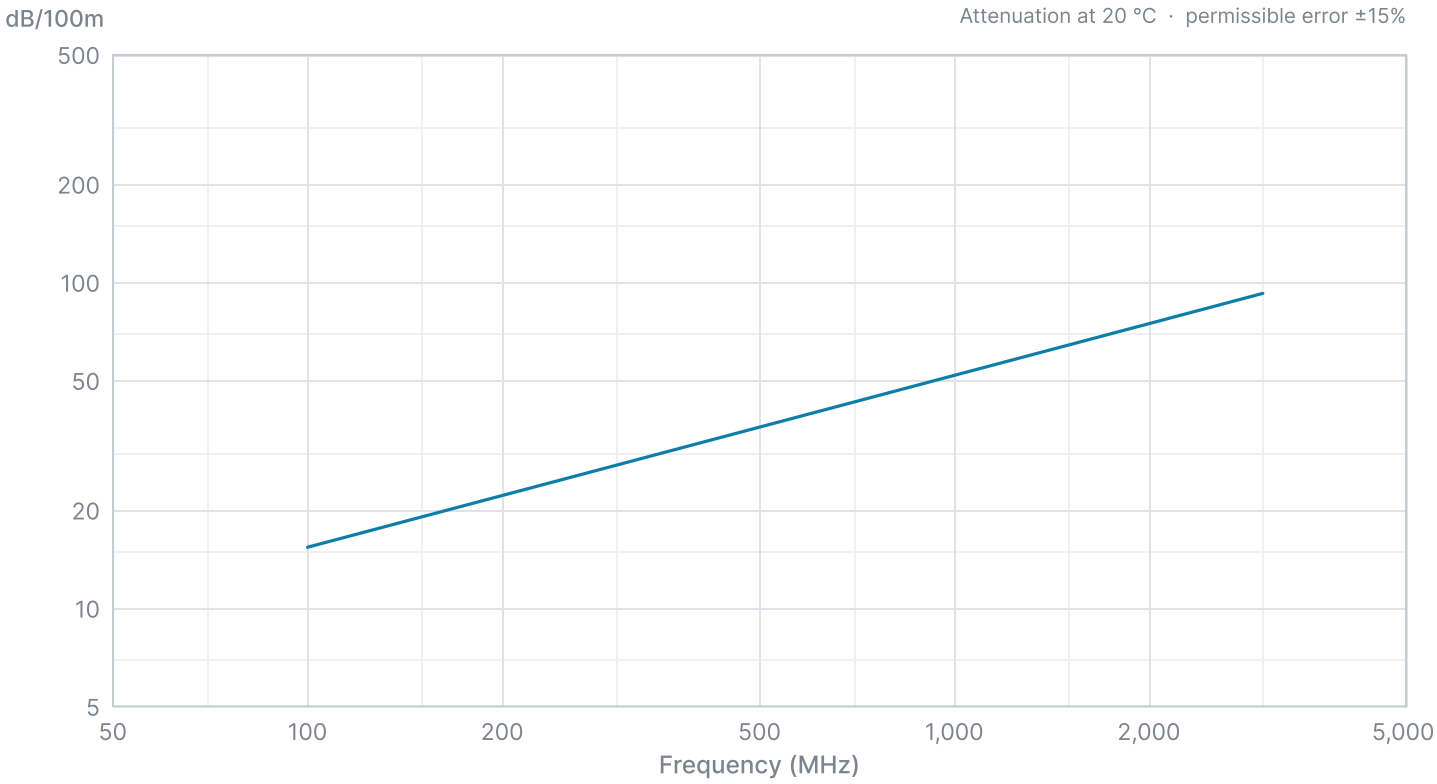
RG303 Coaxial Cable

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MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Bend Radius	50	mm
Overall Diameter	4.30	mm (0.169 in)
Weight	—	kg/m
Temperature Range	−40 ~ +200	°C

ATTENUATION vs FREQUENCY (TYPICAL)



Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
100	14.8	4.5
200	24.6	7.5
400	30.4	9.3
1,000	49.6	15.1
2,000	79.1	24.1
3,000	91.2	27.8