

TECHNICAL DATA SHEET

RoHS
Compliant

RG179 COAXIAL CABLE

MODEL: PELB0439

APPLICATION

This RG179 coaxial cable, has a silver plated copper clad steel conductor, PTFE insulation and silver plated copper braid and FEP sheath. Used in medical equipment, radio frequency applications, wireless communication and broadcast equipment, audio/video security systems, or where an extreme range of temperature is expected.



STANDARDS

MIL-DTL-17

CONSTRUCTION

Conductor	Material	Silver-plated, copper-clad steel
	Construction	7/0.102mm
Insulation	Material	PTFE
	OD	1.60mm
Braid	Material	Silver-plated copper
	Diameter	2.04mm
Jacket	Material	FEP
	OD	2.54mm
	Colour	Brown
Packaging	Reel	100m

CHARACTERISTICS AT 20°C

Nominal capacitance	68pF/m
Impedance	75±2Ω
Velocity Ratio	70%
Voltage with Stand	1.5AC/kVrms (1min.)
Shielding Effect	>60 (0-1G)

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MECHANICAL CHARACTERISTICS

Min. Bending Radius (static)	10mm
Operating Temperature	-65 to +150°C

ATTENUATION AT 20°C AND SEA LEVEL, POWER

Frequency	Nominal Attenuation	Power
0.1GHz	0.31dB/m	880W
0.4GHz	0.57dB/m	420W
0.9GHz	0.86dB/m	270W
1.0GHz	0.91dB/m	260W
1.8GHz	1.23dB/m	190W
2.4GHz	1.42dB/m	160W
3.0GHz	1.60dB/m	155W
6.0GHz	2.28dB/m	100W

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