



MCGILL MICROWAVE
SYSTEMS

www.mcgillmicrowave.com

RG179 Solid Polytetrafluoroethylene Insulated Coaxial Cable

McGill Part No: RG179



Construction Specifications		
Description	Material	Size
Inner Conductor	7 Strand Silver Plated Copper	7/0.102mm
Dielectric	PTFE	1.6mm
Overall Braid	Silver Plated Copper	2.06 mm
Jacket	FEP	2.54mm

Electrical Specifications		
Description	Unit	Value
Impedance	ohms	75
Capacitance	pF/m	64
Velocity of Propagation	%	70
Max Voltage	VMS	1,200
Max Frequency	MHz	3,000

Temperature Range
-40/+200C

Contact us for more details

Unit 5, Block 9 Mitchelston Ind Est, Kirkcaldy, Fife, KY1 3PE, UK

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Tel: UK +44 (0)1592 655428





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Mechanical Specifications		
Performance Property	Value	Unit
Bend Radius (Installation)	15	mm
Bend Radius (Repeated)	25	mm
Weight	0.012	Kg/m
Diameter	0.10	Inches
Diameter	2.54	mm

Attenuation vs Frequency		
Frequency MHz	Attenuation	Unit
100	38.3	dB/100m
200	50.5	dB/100m
400	71.8	dB/100m
1500	157.2	dB/100m
2000	178.1	dB/100m
3000	207.0	dB/100m

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