

RG 179 Coaxial RF Cable

RG 179 is a 75 Ω coaxial cable designed for stable, low-loss signal transmission in high-frequency and precision electronic applications. It features a silver-plated copper conductor, PTFE dielectric, and a robust brown FEP jacket for dependable performance.

Part No: TE-RFC-RG179-D2.54



Cable Structure			
Layer		Material	Diameter
1	Inner Conductor	Silver Plated Copper cover steel wire	0.30 mm
2	Insulation (Dielectric)	Solid PTFE	1.60 mm
3	Outer Shield	Tin Plated Copper Wire Braiding	2.03 mm
4	Jacket	FEP (Brown)	2.54 mm



Physical Characteristics					
Cable Outer Dia.	2.54 mm		0.1 inch	Durability	> 1000
Weight	40 g/m			Working Temp.	-50°C to +165°C
Min Bending Radius	Static (44 mm)			Crush Tolerance	6000 N/m
Electrical Characteristics					
VSWR Max	0.1GHz	1GHz	3GHz	Impedance	75 ohms
	1.05:1	1.20:1	1.35:1	Cut-off Frequency	3 GHz
Insertion Loss (dB/m)	0.10	1.10	1.98	Velocity	66%
				Shielding Effectiveness	> 60 dB
Capacitance	64 pF/m			V _{max}	1200 V
Power Handling	110W@1GHz			Insulation Resistance	≥ 10 ⁶ MΩ

TE TECH SOLUTION

Head Office: Mala Bhawan, Near Lohar Basti, Rangamati, Sindri, Dhanbad Jharkhand – 828122
 R&D Centre: FF-02, 1st Floor, STPI Building, Near BIT Sindri, Sindri, Dhanbad, Jharkhand (India) – 828123
 Branch Office: 38, Hanuman Layout, 1st Cross, Ramchandrapura, Jalahalli – Post, Bangalore (India) – 560013
 Tel : +91-7829139667, 8910780736, 0326-3560859 | Email: enquiry@tetechsolution.com | www.tetechsolution.com