

RG 11 Coaxial RF Cable

RG-11 is a heavy-duty, high-performance coaxial cable featuring a thick 14 AWG center conductor for minimal signal loss. It is specifically designed to maintain superior signal strength over long distances and high frequencies.

Part No: TE-RFC-RG11-D10.03



Cable Structure			
Layer		Material	Diameter
1	Inner Conductor	Copper/Steel Wire	1.63 mm
2	Insulation (Dielectric)	Foamed Polyethylene	7.11 mm
3	Outer Shield (1)	Bonded Aluminium Foil	7.29 mm
4	Outer Shield (2)	Aluminium Braid Wire	7.45 mm
5	Jacket	PVC (Black)	10.03 mm



Physical Characteristics										
Cable Outer Dia.	10.03 mm			0.394 inch		Durability		> 1000		
Weight	125 g/m					Working Temp.		-30°C to +75°C		
Min Bending Radius	75 mm					Crush Tolerance		1400 N/m		
Electrical Characteristics										
VSWR Max	<1.30:1						Impedance		75 ohms	
							Cut-off Frequency		3 GHz	
Frequency (GHz)	0.2	0.8	1	1.8	2.2	3	Velocity		85%	
Insertion Loss (dB/m)	0.06	0.12	0.13	0.18	0.20	0.24	Shielding Effectiveness		> 80 dB	
Capacitance	52 pF/m						V _{max}		5500 V	
Power Handling	120W@1GHz						Insulation Resistance		≥ 3*10 ⁶ MΩ	

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