

RG 217 Coaxial RF Cable

RG-217 is a rugged, 50-Ohm coaxial cable built with a solid core and dual copper shields for maximum crush resistance and direct burial.

Part No: TE-RFC-RG217-D13.8



Cable Structure			
Layer		Material	Diameter
1	Inner Conductor	Bare copper	2.69 mm
2	Insulation (Dielectric)	Solid polyethylene	9.33mm
3	Outer Shield (1)	copper wire braiding	10.3mm
4	Outer Shield (2)	copper wire braiding	11.2 mm
5	Jacket	PVC (Black)	13.8 mm



Physical Characteristics					
Cable Outer Dia.	13.8 mm		0.543 inch	Durability	> 1000
Weight	301 g/m			Working Temp.	--25°C to +85°C
Min Bending Radius	Static (70 mm)			Crush Tolerance	32000 N/m
Electrical Characteristics					
VSWR Max	0.15GHz	1GHz	3GHz	Impedance	50 ohms
	1.10:1	1.15:1	1.35:1	Cut-off Frequency	3 GHz
Insertion Loss (dB/m)	0.78	1.51	2.24	Velocity	66%
				Shielding Effectiveness	> 80 dB
Capacitance	101 pF/m			V _{max}	1200 V
Power Handling	250W@1GHz			Insulation Resistance	≥ 10 ⁶ MΩ

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