



**RADIO FREQUENCY
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"Simply The Best"

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RFi CABLE RG11/U MIL-C-17F 75 OHM



RG11 (MIL-C17-F) COAXIAL CABLE

RFi ORDER CODE : RG11

CABLE SPECIFICATIONS		ATTENUATION		
RF SPECIFICATIONS		Freq.	dB/100m	Avr. Power
Max. Frequency	= 1GHz			kW
Velocity Factor	= 66%	0.5MHz	0.290	1.9550
Maximum Operating Voltage (RMS)	= 4000 Volts	1MHz	0.490	1.7800
Peak Power	= 5kV RMS (At Sea Level)	1.5MHz.	0.780	1.5500
Impedance	= 75Ω (+/- 3)	10MHz	1.800	1.3850
INNER CONDUCTOR SPECIFICATIONS		30MHz	2.250	1.3250
Inner Conductor Makeup	= 7 Tin Plated Copper Strands X 0.4mm Each	50MHz	4.200	1.2790
Inner Conductor Overall Diameter	= 1.19mm Overall Diameter	100MHz	6.200	0.9040
Inner Conductor DC-Resistance (Ω/km)	= 20.5Ω	200MHz	9.200	0.6400
OUTER CONDUCTOR SPECIFICATIONS		400MHz	13.800	0.4520
Outer Conductor (Braid) Makeup	= 22 Bundels X 7 Copper Strands = 154 Strands	600MHz	17.100	0.3690
Outer Conductor (Braid) Makeup	= 154 Copper Strands X 0.15mm Each	800MHz	20.300	0.3200
Outer Conductor (Braid) Diameter	= 8.2mm	900MHz	21.400	0.3010
Outer Conductor (Braid) Coverage	= 96%	1000MHz	23.400	0.2860
Outer Conductor (Braid) DC-Resistance (Ω/km)	= 4.5Ω	Attenuation @ 20 Degree Centigrade		
INSULATOR SPECIFICATION		Av. Power @ 40 Degree Centigrade		
Insulator Dielectric Specification	= White Solid Polyethylene X 7.24mm			
OUTER JACKET SPECIFICATIONS				
Outer Jacker (Sleeving) Diameter	= 1.2 Wall X 10.23mm Outer Diameter			
Outer Jacker (Sleeving) Specification	= Black Polyvinyl Chloride (PVC)			
Outer Jacker (Sleeving) UV Specification	= UV Resistant			
Outer Jacker (Sleeving) Marking	= RFi Cable RG11/U MIL-C-17F 75 Ω			
TECHNICAL SPECIFICATIONS				
Capacitance	= 67.26pF/m			
Inductance	= 0.3183 uH/m			
MECHANICAL SPECIFICATIONS				
Operating Temperature	= -40 To +75 Centigrade			
Minimum Bend Radius Installed	= 55mm			
Minimum Bend Radius Repeated	= 100mm			
Tensile Strength	= 345N			
Cable Weight	= 13.123g/m (13.123kg/100m)			

**Manufacturers of : Two-Way Radio Antennas, Duplexers, Filters, Combiners, Splitters, Lightning protectors & other RF Products.
Sales and Distribution of: Two-Way Radios, Repeater Systems, Power Meters, Microphones, Power Supplies, Cables & Connectors.**