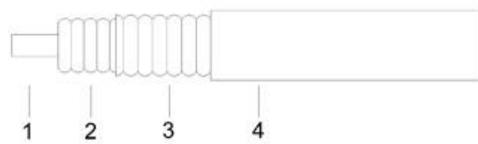


1/2" Flexible Annular FR Corrugated Coax Cable

P/N: RFC1/2Z



Construction Specification		
Item	Material	Diameter (mm)
1. Inner Conductor	Copper Clad Aluminum Wire	4.8
2. Dielectric	Physical Foam Polyethylene	12.30
3. Outer Conductor	Corrugated Copper Tube	13.8
4. Jacket	Black Flame retardant PVC	15.7

Electrical Characteristics	
Capacitance (pF/M)	76
Impedance (Ohm)	50
Velocity of Propagation (%)	88
Peak Power Rating (KW)	40
RF Peak Voltage (KV)	1.6
Insulation Resistance (MO.km)	>5000
Insulation Voltage (KV)	8.8
Inner Conductor DC Resistance (O/km)	6
Outer Conductor DC Resistance (O/km)	1.48
Jacket Spark (KV)	8.0
Shielding Effectiveness (dB)	>120

VSWR=(Return loss=dB)	
0.005-3GHz	1.15 (23)
0.8-1.0GHz	1.10 (26)
1.7-2.0GHz	1.10 (26)
2.0-2.4GHz	1.10 (26)



Ideal Technology tiene una política de mejora continua. Las especificaciones están sujetas a cambios sin previo aviso.

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P/N: RFC1/2Z



Mechanical and Environmental Characteristics	
Min. Single Bending Radius (mm)	50
Min. Repeated Bending Radius (mm)	125
No. of Bends	15
Mobile Apply (mm)	350
Bending Moment (N.m)	5.0
Tensile Strength (kg)	110
Storage Temp (°C)	-55 to +85
Installation Temp (°C)	-40 to +60
Operating Temp (°C)	-55 to +85

Attenuation (VSWR1.0, cable temp. 20°C) & Average Power (VSWR 1.0, ambient temp. 40°C)		
Frequency (MHz)	Attenuation (=dB/100m) A	Average Power (KW)
100	2.15	3.94
200	3.08	2.75
450	4.70	1.80
800	6.35	1.33
900	6.75	1.25
1000	7.20	1.18
1500	9.05	0.95
1800	9.90	0.86
2000	10.50	0.81
2200	11.10	0.77
2400	11.60	0.75
2500	11.95	0.73
3000	13.20	0.65



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