

RG-302 75Ω HF Jacket**Flexible Coaxial Cable****Construction**

Item	Material	Diameter	Remark
Center Conductor	SPCW	0.64 mm (0.025 inch)	Solid
Dielectric	PTFE	3.70 mm (0.146 inch)	Solid
Shield	SPC	4.29 mm (0.169 inch)	Braid
Jacket	HF	5.20 mm (0.205 inch)	Black

Electrical & Mechanical Data

Characteristic Impedance	75 Ω
Operating Frequency	3 GHz (Max.)
Velocity of Propagation	70 %
Capacitance	63 pF/m
Operating Temperature	- 55 °C ~ 85 °C
Max. Working Voltage	2,300 Vrms (Max.)
Weight	50 kg / km
Min. Bending radius	30 mm (Single)

Attenuation

Frequency (MHz)	Max. Attenuation		Average Power (Watt)
	(dB/m)	(dB/ft)	
100	0.11	0.034	1300
200	0.15	0.046	919
400	0.22	0.067	650
900	0.34	0.104	433
1200	0.39	0.119	375
1500	0.44	0.134	336
1800	0.49	0.149	307
2000	0.52	0.158	291
2500	0.59	0.180	260