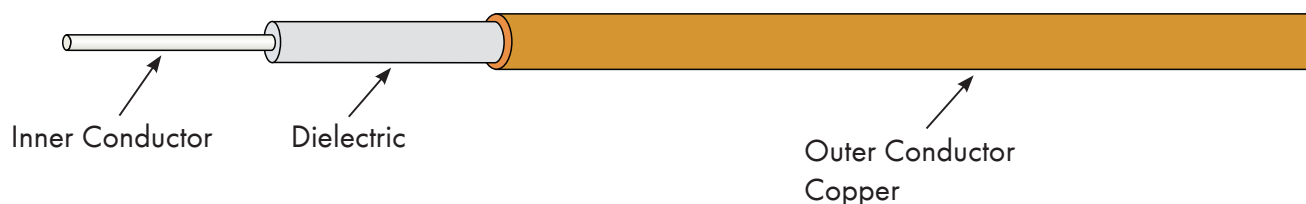


Coaxial Cable
75 Ω - PTFE - Semi Rigid Microwave Cable

RSR-141-75



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Silver plated Copper (SPC)	0.51±0.01 mm [0.020 in]
Dielectric	PTFE (Polytetrafluoroethylene)	2.995±0.03 mm [0.118 in]
Outer Shield	Copper	3.58±0.05 mm [0.141 in]

Electrical Data

Impedance	75 $\Omega \pm 2$
Frequency	DC to 20 GHz
Capacitance	65 pF/m
Operating voltage	≤ 2 kVrms (@ sea level)

Mechanical Data

Weight	N/A
Min. bending radius	15 mm

Environmental Data

Operating temperature range	55°C to +125°C
Outer conductor integrity temperature	$\leq 175^\circ\text{C}$
RoHS (2011/65/EU)	compliant

Typical Attenuation

Frequency (GHz)	Typical Attenuation (dB/m) @ 25°C sea level	Typical Attenuation (dB/ft) @ 25°C sea level	Max. CW power (Watt) @ 40°C sea level
0.5	0.28	0.086	549
1	0.40	0.122	382
5	0.97	0.296	160
10	1.45	0.442	108
20	2.21	0.674	72