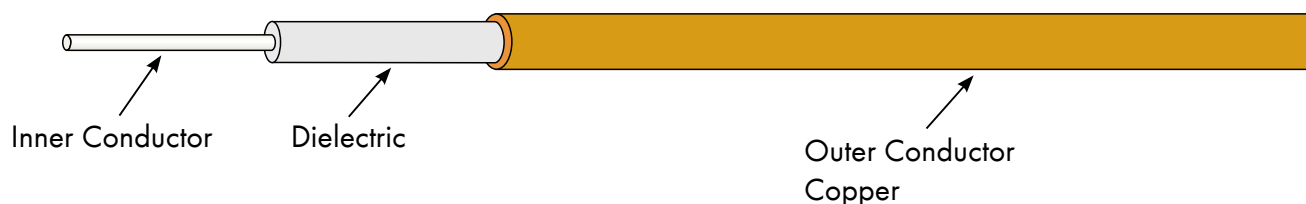


Coaxial Cable 50 Ω - PTFE - Semi Rigid Microwave Cable

RSR-141



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Steel, Copper + Silver plated (SPCW)	0.92 mm
Dielectric	PTFE (Polytetrafluoroethylene)	2.99 mm
Outer Shield	Copper	3.58 mm

Electrical Data

Impedance	50 $\Omega \pm 2$
Frequency	DC to 26.5 GHz
Capacitance	95.2 pF/m
Operating voltage	≤ 1.9 kVrms (@ sea level)

Mechanical Data

Weight	49.4 g/100m
Min. bending radius	1.92 mm

Environmental Data

Operating temperature range	-40°C to +120°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	0.25	0.08	600.4
1	0.37	0.11	450
5	0.91	0.28	180
10	1.36	0.41	120
18	1.95	0.59	83
26.5	2.50	0.76	65.6