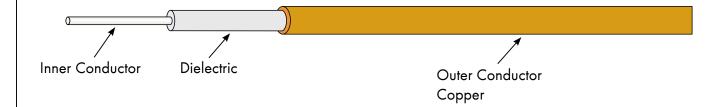


Technical Data Sheet

Coaxial Cable 50 Ω - PTFE - Semi Rigid Microwave Cable

RSR-250



Material And Diameter

Connector parts	Material	Diameter
Inner Conductor	Steel, Copper + Silver plated (SPCW)	1.63 mm [0.0642in]
Dielectric	PTFE (Polytetrafluoroethylene)	-
Outer Shield	Copper	6.35 mm [0.2500in]

Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \pm 2 \\ \mbox{Frequency} & DC \ \mbox{to} \ 18 \ \mbox{GHz} \\ \mbox{Capacitance} & 95.2 \ \mbox{pF/m} \\ \mbox{Operating voltage} & \leq 3.0 \ \mbox{kVrms} \ (@ \ \mbox{sea level}) \end{array}$

Mechanical Data

Weight 155.8 g/100m Min. bending radius 3.2 mm

Environmental Data

Operating temperature range -40 °C to +100 °C Outer conductor integrity temperature ≤ 175 °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	0.13	0.04	1780
1	0.23	0.07	914.8
5	0.56	0.17	364.4
10	0.89	0.27	238.2
18	1.31	0.40	163.3

The facts and figures herein are carefully compiled to the best of ou	Jr
knowledge, but they are intended for general informational purposes only	y.
In the effort to improve our products, we reserve the right to make change	es
judged to be necessary.	

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