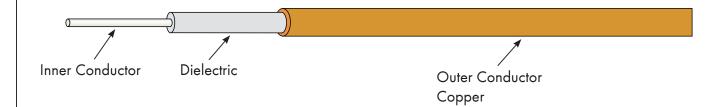


## Technical Data Sheet

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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 [0.141in]	

#### Electrical Data

 $\begin{array}{lll} \mbox{Impedance} & 75~\Omega\pm2 \\ \mbox{Frequency} & DC~to~20~GHz \\ \mbox{Capacitance} & 65~pF/m \\ \mbox{Operating voltage} & \leq 2~kVrms~\{@~sea~level\} \end{array}$ 

## Mechanical Data

Weight N/A
Min. bending radius 15 mm

## Environmental Data

 $\begin{array}{ll} \mbox{Operating temperature range} & 55\mbox{°C to } + 125\mbox{°C} \\ \mbox{Outer conductor integrity temperature} & \leq 175\mbox{°C} \\ \mbox{RoHS (2011/65/EU)} & \mbox{compliant} \\ \end{array}$ 

## 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

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

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