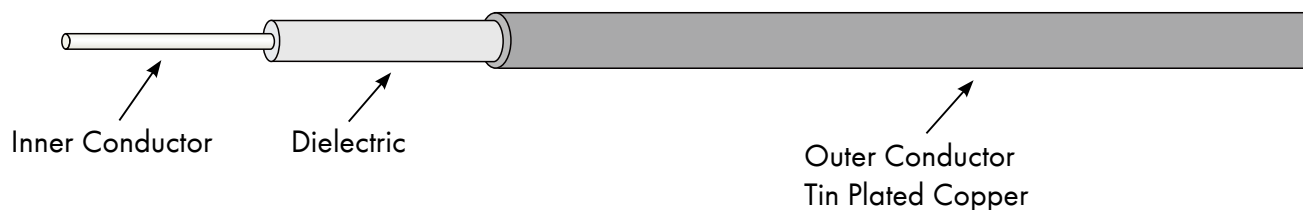


.141, RG402 50 Ω Semi Rigid Cable with Tinned Copper Outer Conductor
PTFE Dielectric, SPCW Center Conductor

RSR-141-TP

MIL-DTL-17 Part Number: M17/130-00001



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Standard

According to

MIL-DTL-17

Material And Diameter

Connector parts	Material	Diameter
Center Conductor	Silver Plated Copper Weld (SPCW)	0.92 mm/0.036 inch
Dielectric	PTFE	2.99 mm/0.118 inch
Outer Conductor	Copper	3.58 mm/0.141 inch
Outer Conductor Plated	Tin	
RoHS (2011/65/EU)	Compliant	

Mechanical Data

Operating Temperature (Max.)	125 °C
Inside Minimum Bend Radius	6.35 mm/0.250 inch
Weight	4.95 kg/100 m

Electrical Data

Impedance	50 Ω		
Velocity of Propagation	69.5 %		
Shielding Effectiveness	≥ 165 dB		
Continuous Working Voltage	1900 VRMS Max.		
Frequency	26.5 GHz		
Attenuation	Frequency	dB / m	dB / Ft
	0.5 GHz	0.25	0.076
	1 GHz	0.37	0.113
	5 GHz	0.91	0.276
	10 GHz	1.36	0.416
	18 GHz	1.95	0.596
	26.5 GHz	2.50	0.762
Power	Frequency	Max. CW Power Sea Level 20 °	
	0.5 GHz	600.4	
	1 GHz	450	
	5 GHz	180	
	10 GHz	120	
	18 GHz	83	
	26.5 GHz	65.5	