



### Ordering Information

Item No.	<b>RG-178</b>
Series No.	<b>S102</b>

### Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	Silver Covered Copper (SPC), 7 strands	7/0.102±0.005mm
Dielectric	White Solid PTFE	φ 0.89±0.05mm
Braiding	Silver Plated Copper (SPC), 48*0.10mm	1.29
Jacket	Brown FEP	φ 1.80±0.08

### Electrical Properties

Property	Value
Standard	MIL-C-17
Characteristics Impedance	50±3 Ω
Rated capacitance	98±5 pf/m
Velocity	69.00%
Max operating voltage	1500 VMS
Max Operating frequency	6000 MHz
Minimum bending radius	10 mm
Operating temperature	-55 ~ +200°C
ROHS	Compliant

### Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)(Tolerance ±15%)
100	52.00
400	99.00
1000	171.00
2000	251.00
3000	311.00
4000	383.00
6000	511.00