



Ordering Information

Item No.	RG-179
Series No.	S109

Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	Silver Covered Copper (SPC), 7 strands	7/0.102
Dielectric	White Solid PTFE	$\phi 1.6 \pm 0.05 \text{ mm}$
Braiding	Silver Plated Copper	2.06
Jacket	Brown FEP	$\phi 2.54 \pm 0.08$

Electrical Properties

Property	Value
Standard	MIL-C-17
Characteristics Impedance	$75 \pm 3 \Omega$
Rated capacitance	64 pf/m
Velocity	70.00%
Max operating voltage	1200 VMS
Max Operating frequency	3000 MHz
Minimum bending radius	10 mm
Operating temperature	-40 ~ +200°C
ROHS	Compliant

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)
100	38.3
200	50.5
400	71.8
1500	157.2
2000	178.1
3000	511.00