

1/4" S Coax Cable



1 Product Structure

	Designation	Material	Diameter (mm)
1	Inner Conductor	Copper Clad Aluminum	1.85±0.02
2	Dielectric	Foam PE	4.60±0.10
3	Outer Conductor	Helical Copper Tube	Nom 6.35
4	Jacket	Black PE	7.50±0.20

2 Electrical Specifications

Impedance	50±2 Ohm
Capacitance	Nom.80 pF/m
Velocity of Propagation	82%
VSWR 300MHz-2700MHz	≤1.20
Passive Intermodulation	≤-160dBc @2*43dBm
Dielectric strength (V,DC)	2000

3 Attenuation and Average Power

Frequency (MHz)	Attenuation (dB/100m)
100 MHz	5.58
450 MHz	12.3
800 MHz	16.8
900 MHz	17.9
1000 MHz	19.0
1800 MHz	26.3
1900 MHz	27.2
2200 MHz	29.5
2500 MHz	31.7
2700 MHz	33.2
3000 MHz	35.2

4 Mechanical Specifications

Min Bend Radius, Multiple Bends	50 mm
Min Bend Radius, Single Bend	25 mm

5 Environment Specifications

Operating Temperature	-45°C ~ +85°C
-----------------------	---------------