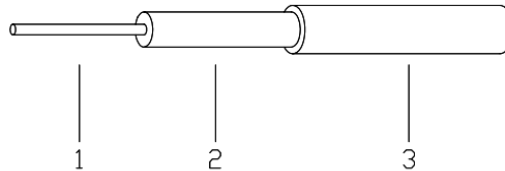


SR086-AL Cable



Construction Specification

Structure	Diameter(mm)	Materials
1.Inner Conductor	0.51	Silver Plated Copper Clad Steel
2.Dielectric	1.68	PTFE
3.Outer Conductor	2.15	Tin plated Aluminum Tube

Electrical Characteristics

Capacitance (PF/m)	95.1
Impedance	50Ohm
Corona Extinction Voltage (VRMS@60Hz)	1500
Voltage Withstanding (VRMS@60Hz)	5000
Moding Frequency (GHz)	61

Mechanical Characteristics

Min.Inside Bend Radius(mm)	7.63
Outer Conductor Integrity Temp.(°C)	N/A
Operating Temp.(°C)	-55 to +125

Attenuation & Average Power @ 20 °C and Sea Level

Frequency (GHz)	Attenuation(dB/100m)	Power(Watts KW)
0.5	45	173.5
1.0	64.00	121.5
5.0	151.00	52.2
10.0	222.00	35.8
20.0	329.00	24.3