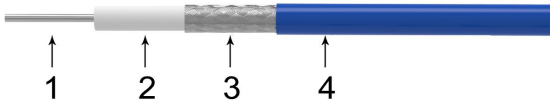


### Features & Benefits

- Hand formable to any shape without tools
- 10mm bend radius for tight installations
- FEP jacket or unjacketed option
- Ideal for interconnect of RF systems

### Cable Construction



No.	Construction	Size (mm)	Materials
1	Center Conductor	1.68	silver plated copper
2	Dielectric	5.31	Solid PTFE
3	Shielding	6.35	Tin Soaked copper Wire braid
4	Jacket	6.8	FEP

### Electrical

Frequency	DC-6 GHz
Impedance	50 Ω
Velocity of Propagation	70%
Shielding Effectiveness	>90 dB
Withstanding Voltage	3000 V

### Mechanical & Environmental

Min.Bending Radius Static	10 mm
Weight	120g/m
Temperature(Operation)	-55~125 °C
Temperature(Storage)	-65~125 °C

### Attenuation(Typical@25°C&VSWR=1.0) & Power(VSWR=1.0; 40°C; Sea level)

Frequency MHz	500	800	1000	1800	2000	2800	3000	4000	5000	5800	6000
dB / Meter	0.17	0.21	0.24	0.34	0.36	0.44	0.46	0.54	0.62	0.68	0.69
Avg.Power / W	1630	1260	1113	798	751	617	592	498	435	397	389

Attenuation at any frequency=[0.67627×SQRT(FMHz)]+[0.0028226×FMHz]

### Available connectors

Cable P/N	Connectors	Gender	Orientation	Max Freq.(GHz)	VSWR Max
SF250	4.3-10	Male	Straight	6	1.3
SF250	N	Male	Straight	6	1.3
SF250	N	Male	Right Angle	3	1.25
SF250	SMA	Male	Straight	6	1.3

Other connectors available upon request.