

# Semi-flexible Coaxial Cables

## SF250 (Flexible RG 401)

### Construction

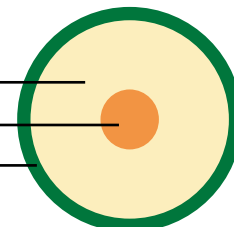
Inner conductor	Silver plated copper	Φ1.67 mm
Dielectric	Solid PTFE	Φ5.31 ± 0.10 mm
Outer conductor	Tinned copper	Φ6.30 ± 0.10 mm
Shield coverage		100%

### Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Max.operating voltage	3.5KV
Operating temperature range	-65°C - +165 °C
Min.bending radius	30 mm



Solid PTFE dielectric  
Silvered copper clad steel inner conductor  
Copper-tin composite tube



### Attenuation

Frequency(GHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
0.5	16	4.9
1	24	7.3
5	62	18.9
10	97	29.6
20	145	44.2