



# Caledonian

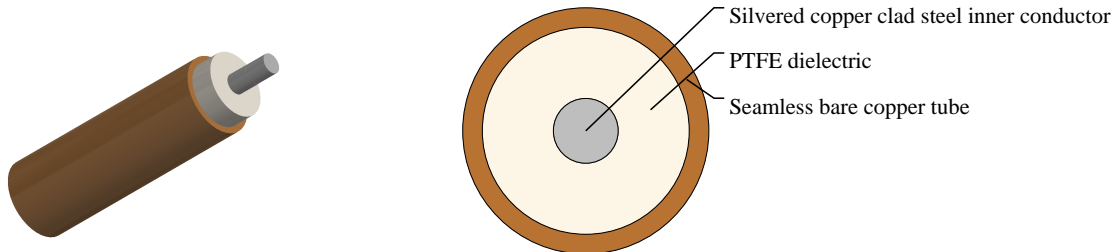
Coaxial Cables

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## Semi-rigid Coaxial Cables

SR250



### Construction

|                        |   |                |
|------------------------|---|----------------|
| Inner conductor        | Silver plated copper clad steel(SCCS)   | Φ1.65 mm       |
| Dielectric             | PTFE                                    | Φ5.31 ± 0.1 mm |
| Outer conductor(type1) | Seamless bare copper tube               | Φ6.35 ± 0.1 mm |
| Outer conductor(type2) | Seamless copper tube, tin plated(TP)    | Φ6.35 ± 0.1 mm |
| Outer conductor(type3) | Seamless copper tube, Silver plated(SP) | Φ6.35 ± 0.1 mm |

### Electrical Mechanical Characteristics

|                                       |                 |
|---------------------------------------|-----------------|
| Impedance                             | 50±3 Ohm        |
| Nominal capacitance                   | 95.1 pF/m       |
| Operating temperature range           | -55°C - +125 °C |
| Outer conductor integrity temperature | 175°C           |
| Min.bending radius                    | 22.3 mm         |

### Attenuation

| Frequency (MHz) | Attenuation (dB/100 m) | Attenuation (dB/100 ft) |
|-----------------|------------------------|-------------------------|
| 500             | 16                     | 4.9                     |
| 1000            | 23                     | 7                       |
| 5000            | 58                     | 17.7                    |
| 10000           | 89                     | 27.1                    |