



Caledonian

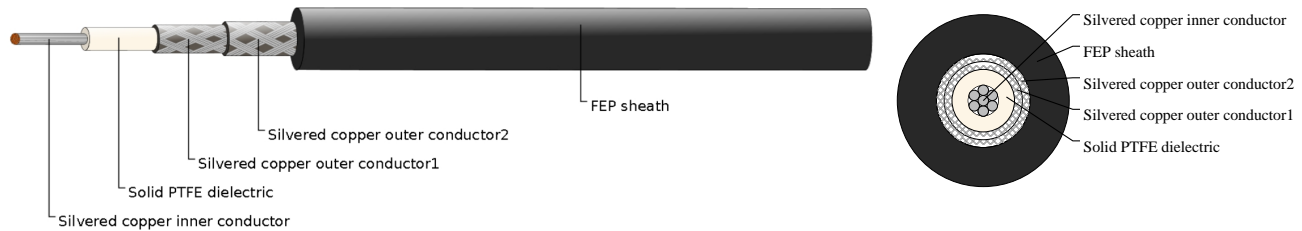
Coaxial Cables

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Mininature Coaxial Cables

RGD178 Mini-Coax



Construction

Inner conductor	Silver plated copper	7 x 0.1 mm
Dielectric	Solid PTFE	Φ0.84 mm
Outer conductor (shield 1)	Silver plated copper	0.10 mm
Outer conductor(shield 2)	Silver plated copper	0.10 mm
Outer sheath	FEP	Φ2.25 mm

Electrical Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	94 pF/m
Velocity of propagation	70%
Operating temperature range	-55 °C - +200 °C
Cable weight (approx.)	14 kg/km

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
100	46	14
200	65	19.8
400	93	28.3
900	140	42.7
1200	162	49.4
1500	182	55.5
1800	200	61
2000	211	64.3
2500	236	71.9