

Tri-RG179

Construction

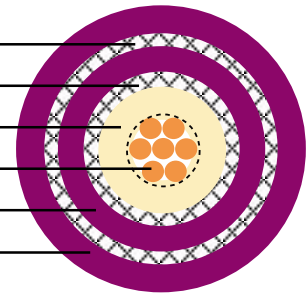
Inner conductor	Silver plated copper covered steel (SCCS)	7 x 0.10 mm
Dielectric	Solid PTFE	$\Phi 1.60 \pm 0.10$ mm
Outer conductor (shield 1)	Silver plated copper (0.1mm)	$\Phi 2.15 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 2.55 \pm 0.10$ mm
Outer conductor (shield 2)	Silver plated copper (0.1mm)	$\Phi 3.15 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 3.6 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	75 \pm 5 Ohm
Nominal capacitance	63 pF/m
Velocity of propagation	70%
Insulation resistance	- Mohm.Km
Inner conductor resistance	800.5 Ohm/Km
Outer conductor resistance	27.9 Ohm/Km
Operatig Voltage(max)	0.9 KV
Test Voltage	
Operating temperature range	-55°C - +200 °C
Cable weight (approx.)	31 Kg/Km
Screening effectiveness	>60 dB



- Silvered copper outer conductor 2
- Silvered copper outer conductor 1
- Solid PTFE dielectric
- Silvered copper inner conductor
- FEP inner sheath
- FEP outer sheath



Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
100	28	8.5
200	39	11.9
400	56	17.1
900	85	25.9
1200	98	29.9
1500	110	33.5
1800	121	36.9
2000	128	39.0
2500	144	43.9