

Triaxial Cables

Tri-RG178

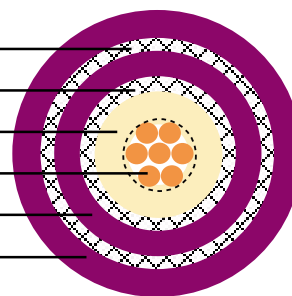
Construction

Inner conductor	Silver plated copper covered steel (SCCS)	7 x 0.10 mm
Dielectric	Solid PTFE	$\Phi 0.86 \pm 0.10$ mm
Outer conductor (shield 1)	Silver plated copper	$\Phi 1.26 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 1.80 \pm 0.10$ mm
Outer conductor (shield 2)	Silver plated copper	$\Phi 2.20 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 2.85 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	50 \pm 5 Ohm
Nominal capacitance	96.5 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)	1 KV
Test Voltage	
Operating temperature range	-55°C - +200 °C
Cable weight (approx.)	24 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	45.3	13.8
400	91.2	27.8
1000	145.7	44.4
3000	257.2	78.4