

Triaxial Cables

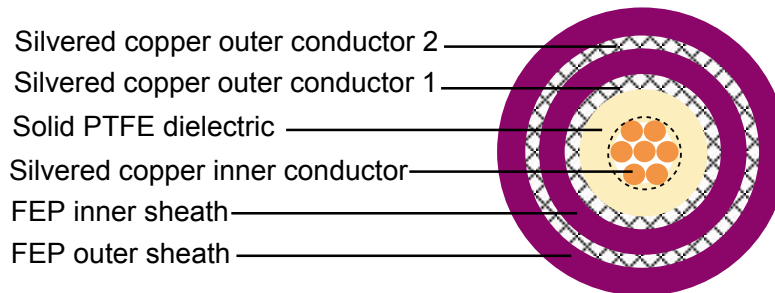
Tri-RG403

Construction

Inner conductor	Silver plated copper covered steel(SCCS)	7 x 0.10 mm
Dielectric	Solid PTFE	$\Phi 0.84 \pm 0.10$ mm
Outer conductor (shield 1)	Silver plated copper (0.1mm)	$\Phi 1.30 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 1.90 \pm 0.10$ mm
Outer conductor (shield 2)	Silver plated copper (0.1mm)	$\Phi 2.35 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 2.95 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	50 \pm 3 Ohm
Nominal capacitance	94 pF/m
Velocity of propagation	70%
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operatig Voltage(max)	0.5 KV
Test Voltage	
Operating temperature range	-55°C - +200 °C
Cable weight (approx.)	21 Kg/Km
Screening effectiveness	>60 dB



Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
100	50	15.2
200	67	20.4
400	95	29.0
900	145	44.2
1200	165	50.3
1500	185	56.4
1800	204	62.2
2000	215	65.5
2500	240	73.2