

Tri-RG316

Construction

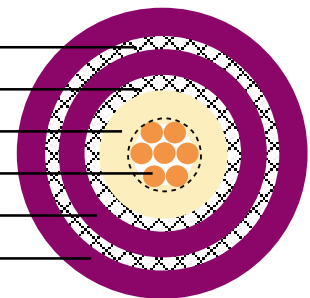
Inner conductor	Silver plated copper covered steel (SCCS)	7 x 0.17 mm
Dielectric	Solid PTFE	$\Phi 1.52 \pm 0.10$ mm
Outer conductor (shield 1)	Silver plated copper(0.1mm)	$\Phi 2.05 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 2.50 \pm 0.10$ mm
Outer conductor (shield 2)	Silver plated copper(0.1mm)	$\Phi 3.15 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 3.60 \pm 0.10$ mm

Electrical & Mechanical Characteristics

Impedance	50±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)	1.0 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	27	8.2
200	38	11.6
400	54	16.5
900	82	25.0
1200	95	29.0
1500	106	32.3
1800	117	35.7
2000	124	37.8
2500	139	42.4