

## Tri-RG400

### Construction

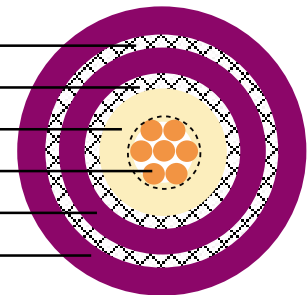
Inner conductor	Silver plated copper	19 x 0.20 mm
Dielectric	Solid PTFE	$\Phi 2.95 \pm 0.10$ mm
Outer conductor (shield 1)	Silver plated copper(0.13mm)	$\Phi 3.55 \pm 0.10$ mm
Inner sheath	FEP	$\Phi 4.30 \pm 0.10$ mm
Outer conductor (shield 2)	Silver plated copper (0.13mm)	$\Phi 4.90 \pm 0.10$ mm
Outer sheath	FEP	$\Phi 5.70 \pm 0.10$ 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)	1.8 KV
Test Voltage	
Operating temperature range	-55°C - +200 °C
Cable weight (approx.)	78 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	15	4.6
200	22	6.7
400	31	9.4
900	47	14.3
1200	55	16.8
1500	62	18.9
1800	68	20.7
2000	72	21.9
2500	81	24.7