

# Mininature Coaxial Cables

## 50VMTX

### Construction

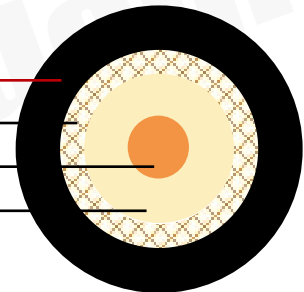
Inner conductor	Silver plated copper clad steel	0.17 mm
Dielectric	FEP/PTFE	Φ0.52 mm
Outer conductor	Tinned copper braid	Φ0.72 mm
Sheath	FEP	Φ1.17 mm

### Electrical & Mechanical Characteristics

Impedance	50±5 Ohm
Nominal capacitance	94.6 pF/m
Velocity of propagation	70%
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +200 °C
Cable weight (approx.)	3kg/km



FEP sheath  
Tinned copper outer conductor  
Silver plated copper clad steel inner conductor  
FEP/PTFE dielectric



### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
10	22	6.7
100	54	16.5
400	115	35.1
1000	220	67.1
2000	320	97.6
3000	450	137.2