

## Cable Construction

Item	Unit	Coaxial Cable
Main conductor:	Diameter:	mm 0.94
	Material:	- Bare copper wire
Insulation:	Diameter:	mm 2.79
	Material:	- GAS-FPE
	Colour:	- Nature
Shield:	Tape:	Material: - Bonded aluminium foil
		Composition: - 16 x 4
	Braid:	Diameter: mm 0.01 ± 0.008
		Material: - Tinned copper
Jacket:	Diameter:	mm 4.95
	Material:	- RoHS PVC
	Colour:	- Black

### Electrical Characteristics

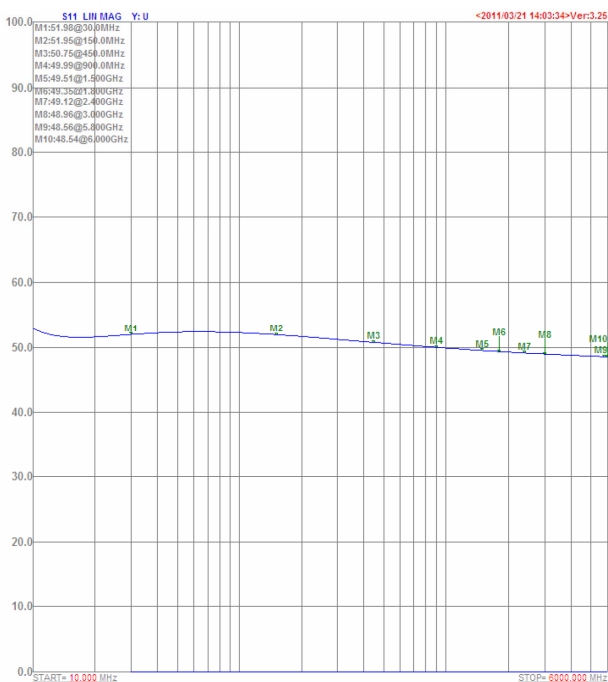
Item	Unit	Standard
Conductor resistance:	$\Omega$ /km	24.9 ↓
Insulation resistance:	M $\Omega$ /km	1000 ↑
Withstanding voltage:	V/Min	1000
Normal impedance:	$\Omega$	50 ± 3
Normal capacitance:	pF/m	83.3

### Attenuation v. Frequency

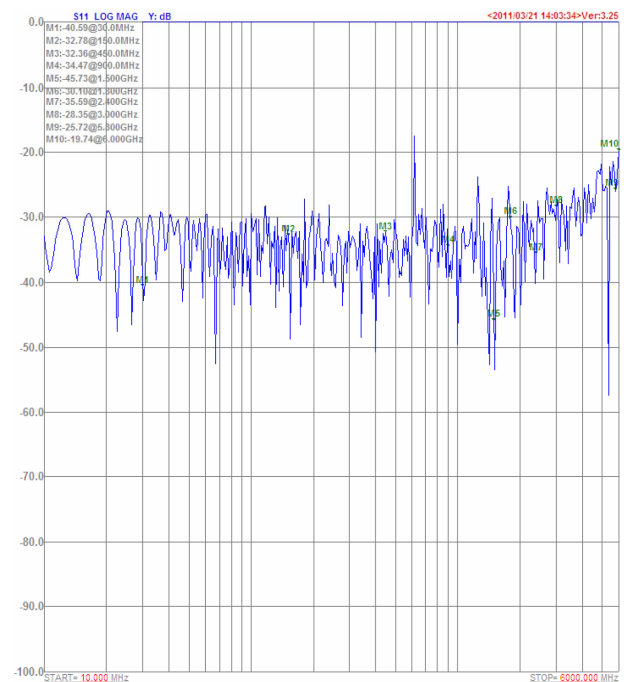
Frequency (MHz)	30	150	450	900	1500	1800	2400	3000
Attenuation dB/100M:	6.5	14.6	25.5	36.5	47.7	52.5	62.4	64.0

### Graphs

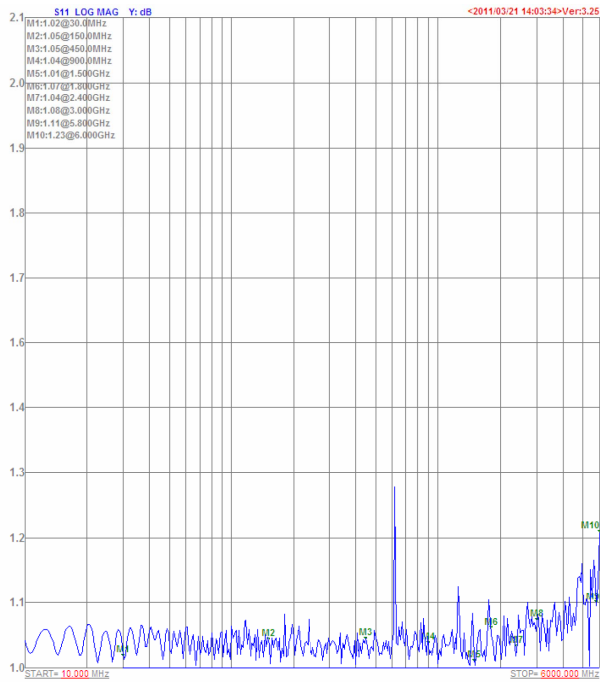
#### Impedance Result



#### Return Loss Result



### SWR Result



### Insertion Loss Graphic

