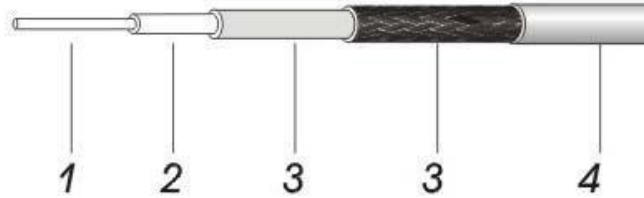




## 50Ω Series Coaxial Cable —TY-100



### Cable Construction

No.	Material	Dimensions(mm)
Inner Conductor	Bare Copper	0.46±0.01
Dielectric	Solid PE	1.55±0.05
Outer Conductor	Al Foil + Tinned Copper Braiding	93% Coverage
Jacket	PE/LSZH/PVC	2.79±0.08

### Mechanical Characteristics

Impedance	50±2Ω	Capacitance	31.20 pF/ft
Velocity	66%	Jacket spark	1500 V.RMS
Min Bend Radius	14mm		

### Attenuation

Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)	Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)
30	3.9	4.3	1500	28.5	31.4
50	5.0	5.5	1800	31.6	34.8
150	8.4	9.2	2000	33.6	37.0
220	10.2	11.2	2500	38.2	42.0
450	14.7	16.2	3000	42.5	46.8
900	21.4	23.5			

