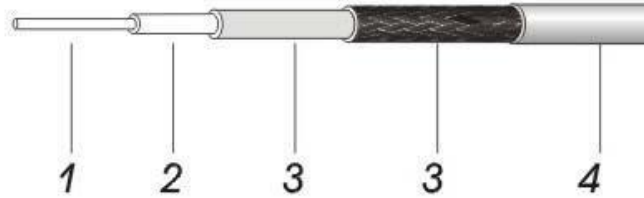




## 50Ω Series Coaxial Cable —TY-300



### Cable Construction

No.	Material	Dimensions(mm)
Inner Conductor	Bare Copper	1.78±0.02
Dielectric	Solid PE	4.83±0.10
Outer Conductor	Al Foil + Tinned Copper Braiding	87% Coverage
Jacket	PE/LSZH/PVC	7.62±0.15

### Mechanical Characteristics

Impedance	50±2Ω	Capacitance	24.5pF/ft
Velocity	83%	Jacket spark	5000 V.RMS
Min Bend Radius	38.0mm		

### Attenuation

Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)	Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)
30	1.16	1.28	1500	7.7	8.5
50	1.50	1.65	1800	8.6	9.5
150	2.4	2.6	2000	9.1	10.0
220	2.9	3.2	2500	10.3	11.3
450	4.0	4.4	3000	11.4	12.5
900	5.9	6.5			

