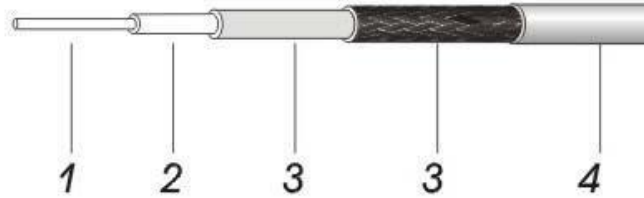




50Ω Series Coaxial Cable —TY-195



Cable Construction

No.	Material	Dimensions(mm)
Inner Conductor	Bare Copper	0.94±0.01
Dielectric	Foam PE	2.79±0.08
Outer Conductor	Al Foil + Tinned Copper Braiding	89% Coverage
Jacket	PE/LSZH/PVC	4.95±0.13

Mechanical Characteristics

Impedance	50±2Ω	Capacitance	27.0 pF/ft
Velocity	75%	Jacket spark	3000 V.RMS
Min Bend Radius	24.8mm		

Attenuation

Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)	Frequency (MHz)	Typical (dB/100ft)	Max (dB/100ft)
30	2.2	2.4	1500	15.1	16.6
50	2.7	3.0	1800	16.8	18.5
150	4.3	4.7	2000	17.9	19.7
220	5.2	5.7	2500	20.4	22.4
450	7.7	8.5	3000	22.8	25.1
900	11.3	12.4			

