

RG-214(TA)

50 Ohm Coaxial Cable



► Cable Construction

« Center Conductor » • 7X0,75mm stranded silver plated copper • Nominal Diameter : 2.256mm	« Dielectric » • Solid polyethylene • Diameter Over Dielectric : 7.24mm
« Shield » • 1st : Tinned copper braid coverage 96% • 2nd : Tinned copper braid (98%) coverage 98%	« Jacket » • PVC • Diameter Over Jacket : 10.8mm
« Mechanical Properties » • Operating Temperature Rating : -40°C to +85°C (PVC) • Operating voltage (V) : 3700 V • Maximal operating frequency : 11 GHz	« Electrical Properties » • Impedance : 50 Ohm $\pm$ 3 • Capacitance: 101 pF/m $\pm$ 2 • Velocity ratio: 66 % • V.S.W.R : Max 1.2

► Attenuation

Frequency [MHz]	1	10	30	50	300	430	1200	3000	10000
Attenuation [dB/100ft]	0.17	0.61	1.13	1.4	3.9	4.7	9.09	14.02	30.48
Attenuation [dB/100m]	0.57	2.0	3.7	4.6	12.8	15.4	29.8	46	100