

RG195 A/U**Construction**

	Material	Diameter (inch/mm)	
Inner Conductor	Silver Plated Copper Clad Steel	7/ 0.004	7/ 0.10
Dielectric	PTFE	0.102	2.59
Shield	91% Silver Plated Copper Braid	0.118	3.00
Jacket	PTFE	0.141	3.58

Electrical Characteristics

Capacitance (pF/m)	50.2
Impedance (Ω)	95.0
Velocity of Propagation (%)	70.0
Conductor DCR (Ohm/km)	800.5
Outer Shield DCR (Ohm/km)	21.3
Max Operating Frequency (MHz)	1000.0
Max Operating Voltage (RMS)	1500.0
Operating Temp Range ($^{\circ}\text{C}$)	-55 to 200

Attenuation (20 $^{\circ}\text{C}$)

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
10	3.3	10.8
50	4.6	15.1
100	5.7	18.7
200	9.6	31.5
400	12.5	41.0
700	16.9	55.4
900	17.9	58.7
1000	20.0	65.6