

SAT501**Construction**

	Material	Diameter (mm)
Inner Conductor	Copper or CCS	0.81
Dielectric	Foam PE	3.50
First Shield	Aluminum Foil	3.65
Second Shield	Aluminum wire Braid (45%)	16/3/0.12mm
Jacket	PVC	5.10

Electrical Characteristics

Impedance (Ω)	75 \pm 3
Capacitance (pF/m)	52 \pm 2
Velocity of Propagation (%)	85.0
Return Loss	
5-1000 MHz (dB)	\geq 22
1000-2000 MHz (dB)	\geq 20
Screening Effectiveness	
5-1000 MHz (dB)	\geq 75

Attenuation (@20 °C)

Frequency(MHz)	Max Attenuation (dB/100m)
5	2.1
50	5.9
200	11.3
470	17.4
800	23.3
1000	26.5
1350	30.5
1750	35.8
2150	40.0
2400	42.0
3000	45.6