

Hangzhou Sanyuan Cable Co.,Ltd

SAT501-TC Braiding

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper	0.81
Dielectric	Foam PE	3.5
First Shield	Aluminum Foil	3.65
Second Shield	TC-Tinned Copper Wire Braid (45%)	16x3x0.12
Jacket	PVC	5.1

Electrical Characteristics

Impedance(Ω)	75 \pm 3
Capacitance(pF/m)	52 \pm 2
Velocity of Propagation(%)	85
Return Loss	
5-1000 MHz(dB)	\geq 22
1000-2000 MHz(dB)	\geq 20
Screening Effectiveness	
5-1000 MHz(dB)	\geq 80

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
2400	42
3000	45.6