

Hangzhou Sanyuan Cable Co.,Ltd

CT100

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper	1
Dielectric	Foam PE	4.6
First Shield	Overlapped Copper Foil	4.75
Second Shield	Bare Copper Wire Braid(55%)	16x6x0.1
Jacket	PVC	6.55

Electrical Characteristics

Impedance(Ω)	75 \pm 3
Capacitance(pF/m)	52 \pm 2
Velocity of Propagation(%)	85
Return Loss	
5-470 MHz(dB)	\geq 23
470-860 MHz(dB)	\geq 20
860-2150 Mhz9dB)	\geq 18
Screening Effectiveness	
30-1000 MHz(dB)	\geq 75
1000-2150 MHz(dB)	\geq 65

Attenuation (@20°C)

Frequency(MHz)	Max Attenuation(dB/100m)
5	1.6
50	4.6
100	6.5
200	9.5
460	15
860	19.5
1000	21.5
1750	29
2150	32.5