

Hangzhou Sanyuan Cable Co.,Ltd

CT125

Construction

	Material	Diameter(mm)
Inner conductor	Bare Copper	1.25
Dielectric	Foam PE	5.5
First Shield	Overlapped Copper Foil	5.65
Second Shield	Bare Copper Wire Braid(60%)	16x6x0.12
Jacket	PVC	7.8

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	1.5
50	3.5
100	5
200	7.5
460	11.5
860	15.5
1000	17
1750	22
2150	26