

Description: CT100 PVC			
Item			
Conductor	Nominal O.D.:	1.00 ± 0.01 mm	
	Material	Bare Copper	
Dielectric	Nominal O.D.:	4.6± 0.03 mm	
	Material	Foam PE	
	Shape	concentrically and bonded to the center conductor	
Shielding	Foil Width	17 mm	
	Material	Copper Plating Al Foil (bonded to the dielectric)	
	Braiding wires	16*4*0.12 (0.12 mm± 0.01 mm)	
	Braid Material	Copper Clad Aluminum wire	
	Braid Coverage	50%	
Jacket	Material	PVC	
	Color	White/Black	
	Thickness	0.8±0.1 mm	
	Nominal O.D.	6.6 ± 0.1 mm	
Electrical Characteristics	Impedance	75 ± 3 Ohm	
	Nominal Capacitance	≤50 pf/m	
	Return Loss	5MHZ~1000MHZ ≥20 dB 1000MHZ~2150MHZ ≥ 18 dB	
	Velocity of Propagation	≧ 82%	
	Sparker Test	≧ 3 KV	
	Attenuation	Frequency, MHZ	dB/100 m
		55	≤5.5 dB
		100	≤6.72 dB
		211	≤9.45 dB
		550	≤15.61 dB
		865	≤19.55 dB
1000		≤21.11 dB	
1450		≤25.79 dB	
1750		≤28.52 dB	
2150	≤32.12 dB		
Mechanical Characteristics	Tensile Strength	≧ 12Mpa	
	Dielectric Eccentricity	≧ 10 %	
	Jacket Eccentricity	≧ 10 %	
	Working Temperature	-35 to + 50℃	