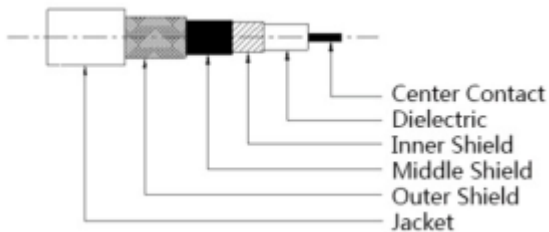


ZT Series Test Cable Assembly → →

ZT67 Series Test Cable Assembly

ZT67 (DC-67GHz) has three-layer shield and stable performance, such as low loss and stable phase. It's an ideal product applied in components, assembly workshop, lab test and automation equipment.



Cable Structure

Center Contact: silver plated copper

Dielectric: LD PTFE

Inner Shield: silver plated flat copper wire braid

Outer Shield: silver plated copper wire braid

Jacket: FEP



Physical Characteristics					
Specification	mm	inch			
Center Contact	0.50	0.020			
Dielectric	1.50	0.059			
Inner Shield	1.64	0.065			
Outer Shield	1.89	0.074			
Jacket	2.20	0.087			
Weight	0.016kg/m				
Min Bending Radius	(dynamic 22.0mm), (static 8.8mm)				
Durability	>5000				
Working Temp.	-55°C ~ +125°C				
Electrical Characteristics					
VSWR Max		18GHz	40GHz	50GHz	67GHz
	1.85mm	1.20:1	1.30:1	1.40:1	1.50:1
Impedance	50 ohms				
Velocity	82%				
Screening Effectiveness	>90 dB				
Bending Amplitude Stability	≤ ±0.15dB@67GHz				
Bending Phase Stability	≤ ±6.7° @67GHz				
Attenuation(25°C)					
Frequency (MHz)	dB/100ft		dB/100m		
1000	19.49		64.0		
3000	34.11		112.0		
6000	48.73		160.0		
18000	87.41		287.0		
26500	107.82		354.0		
40000	135.23		444.0		
50000	153.20		503.0		
67000	180.01		591.0		
Power handling@25°C&Sea Level(cable only)					
Frequency (MHz)	Watts				
1000	97				
3000	55				
6000	38				
18000	21				
26500	17				
40000	14				
50000	13				
67000	12				