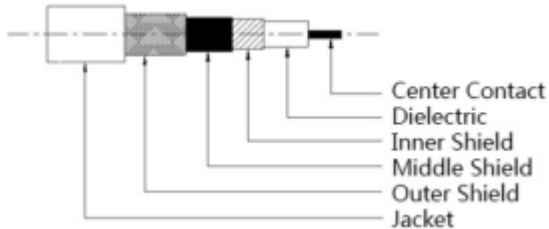


ZT Series Test Cable Assembly → →

ZT18 Series Test Cable Assembly

ZT18 (DC-18GHz) 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 wire

Dielectric: LDPTFE

Inner Shield: silver plated flat copper wire braid

Middle Shield: LDPTFE

Outer Shield: silver plated copper wire braid

Jacket: FEP



Physical Characteristics				
Specification	mm	inch		
Center Contact	1.44	0.057		
Dielectric	3.80	0.150		
Inner Shield	4.00	0.157		
Middle Shield	4.30	0.169		
Outer Shield	4.65	0.183		
Jacket	5.00	0.197		
Weight	0.085kg/m			
Min Bending Radius	(dynamic50.0mm), (static25.0mm)			
Durability	>5000			
Working Temp.	-55°C~+125°C			
Electrical Characteristics				
VSWR Max		3GHz	6GHz	18GHz
	SMA	1.10:1	1.15:1	1.25:1
	N	1.10:1	1.15:1	1.25:1
	TNC	1.10:1	1.15:1	1.30:1
Impedance	50 ohms			
Velocity	83%			
Screening Effectiveness	>90 dB			
Bending Amplitude Stability	$\leq \pm 0.03\text{dB}@18\text{GHz}$			
Bending Phase Stability	$\leq \pm 2.4^\circ @18\text{GHz}$			
Attenuation(25°C)				
Frequency (MHz)	dB/100ft	dB/100m		
1000	9.27	30.4		
3000	16.40	53.8		
6000	23.65	77.6		
10000	31.15	102.2		
12000	34.69	133.9		
18000	43.07	141.3		
26500	53.52	175.6		
Power handling@25°C&Sea Level(cable only)				
Frequency (MHz)	Watts			
1000	821			
3000	464			
6000	321			
10000	244			
12000	221			
18000	177			
26500	142			