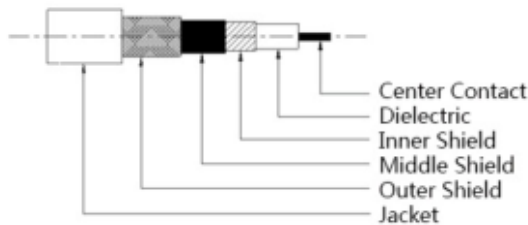


ZT Series Test Cable Assembly → →

ZT26S Series Millimeter Wave Ultra Flexible Test Cable Assembly

ZT26S (DC-26.5GHz), millimeter wave ultra flexible test cable assembly, 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: multi-layer spiral silver plated copper

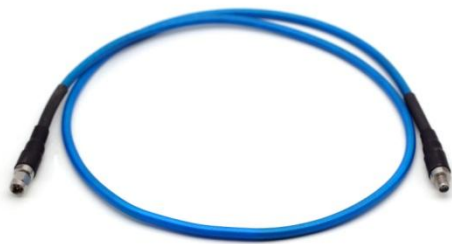
Dielectric: LDPTFE

Inner Shield: silver plated flat copper wire braid

Middle Shield: LDPTFE

Outer Shield: silver plated copper wire braid

Jacket: PUR



Physical Characteristics				
Specification	mm	inch		
Center Contact	1.02	0.040		
Dielectric	3.07	0.121		
Inner Shield	3.27	0.129		
Middle Shield	3.47	0.137		
Outer Shield	3.80	0.150		
Jacket	5.20	0.205		
Weight	0.065kg/m			
Min Bending Radius	(dynamic 52.0mm), (Static 25.0mm)			
Durability	>5000			
Working Temp.	-55°C~+85°C			
Electrical Characteristics				
VSWR Max	SMA、3.5mm	6GHz	18GHz	26.5GHz
	N	1.15:1	1.25:1	1.30:1
	TNC	1.15:1	1.30:1	---
Impedance	50 ohms			
Velocity	76%			
Screening Effectiveness	>90 dB			
Bending Amplitude Stability	$\leq \pm 0.03\text{dB}@26.5\text{GHz}$			
Bending Phase Stability	$\leq \pm 2.7^\circ @26.5\text{GHz}$			
Attenuation (25°C)				
Frequency (MHz)	dB/100ft	dB/100m		
1000	10.7	35		
3000	20.7	68		
6000	28.7	94		
10000	42.4	139		
12000	45.1	148		
18000	53.6	176		
26500	68.6	225		
Power handling@25°C&Sea Level(cable only)				
Frequency (MHz)	Watts			
1000	149			
3000	85			
6000	55			
10000	41			
12000	37			
18000	29			
26500	23			