

Part No. WCBA-WCA102SM.SMXXX Series

26.5GHz WCA102 Ultra Flexible Cable Assembly SMA(M)-SMA(M)



Features:

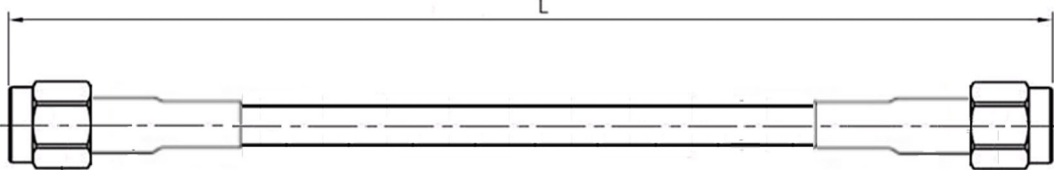
- Ultra Flexible
- Excellent Phase Stability over Flexure



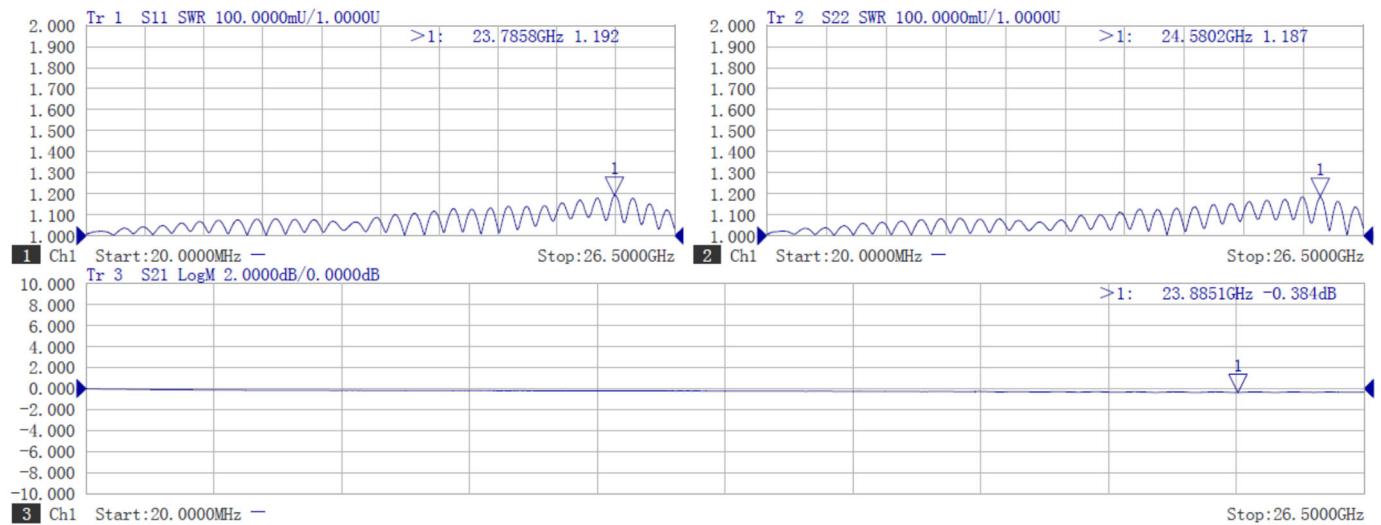
WCA102 Raw Cable Electrical Specification									
Cut-Off Frequency	35GHz								
Operating Frequency	26.5GHz								
Frequency	0.5	1	3	6	10	12.4	18	26.5	GHz
Attenuation	0.27	0.38	0.70	1.03	1.39	1.58	1.98	2.52	dB/m
Power	215	149	82	55	41	36	29	23	W
Velocity of Propagation	76%								
Shielding Effectiveness	90dB(Min.)								
Phase Stability vs. Flexure	±6°@26.5GHz ±5°@18GHz								
Impedance	50 ohm								
Min. Static Bending Radius	20.8mm								
Min. Dynamic Bending Radius	52.0mm								

WCA102 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	19*1.02 mm
Dielectric	Low Density PTFE	3.07 mm
Inner Shield	Silver Plated Copper Strip	3.27 mm
Interlayer	PTFE	3.55mm
Outer Shield	Silver Plated Copper	4.12 mm
Jacket	PUR	5.20 mm

WCA102 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+85°C

Cable Assembly Specification	
26.5GHz WCA102 Ultra Flexible Cable Assembly SMA(M)-SMA(M)	
Part No.	WCBA-WCA102SM.SMXXX (XXX:Length,Unit: Meters)
Frequency	26.5GHz (max.)
VSWR	1.3:1 (max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



SMA(M)-SMA(M) 15cm