

Part No. WCBA-WCA208SMR.SMRXXX Series

18GHz WCA208 Flexible Cable Assembly SMA(M)R/A-SMA(M)R/A



Features:

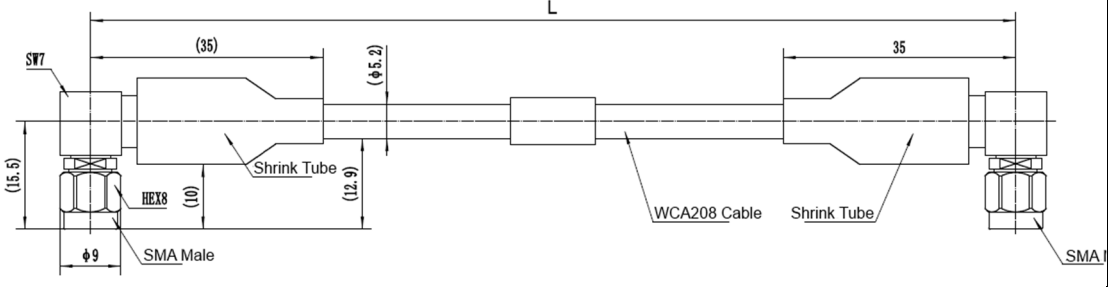
- Low Insertion Loss
- Good Shielding Effectiveness



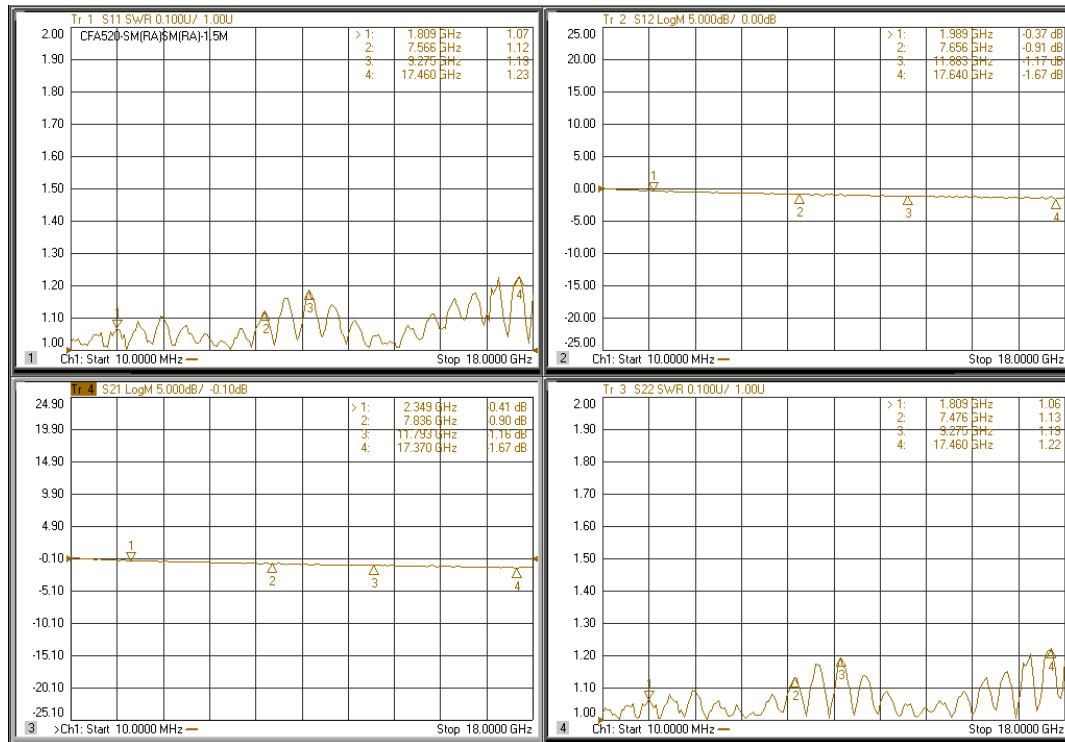
WCA208 Raw Cable Electrical Specification									
Operating Frequency	26.5GHz								
Frequency	1	3	6	8	10	12.4	18	26.5	GHz
Attenuation	0.250	0.440	0.632	0.737	0.830	0.931	1.140	1.411	dB/m
Power	749	425	296	254	225	201	164	133	W
Velocity of Propagation	76%								
Shielding Effectiveness	90dB min.								
Phase Stability	$\pm 3^\circ @ 18\text{GHz}$, $\pm 5^\circ @ 26.5\text{GHz}$								
Amplitude Stability	$\pm 0.1 \text{ dB} @ 18\text{GHz}$								
Impedance	50 ohm								
Min. Static Bending Radius	26.0mm								
Min. Dynamic Bending Radius	52.0mm								

WCA208 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	1.29 mm
Dielectric	Low Density PTFE	3.85mm
Outer Conductor	Silver Plated Copper Strip	4.05 mm
Outer Shield	Silver Plated Copper	4.62 mm
Jacket	FEP	5.20 mm

WCA208Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165°C

Cable Assembly Specification	
18GHz WCA208 Flexible Cable Assembly SMA(M)R/A-SMA(M)R/A	
Part No.	WCBA-WCA208SMR.SMRXXX (XXX:Length,Unit: Meters)
Frequency	18GHz (max.)
Connection 1	SMA Male Right Angle
Connection 2	SMA Male Right Angle
VSWR	1.3:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



SMA(M)R/A-SMA(M)R/A 1.5M