

Part No. WCBA-WCA907LM.LM0.57

1GHz 0.57M WCA907 Flexible Cable Assembly 7/16(M)-7/16(M)



Features:

- Low Insertion Loss
- Good Shielding Effectiveness



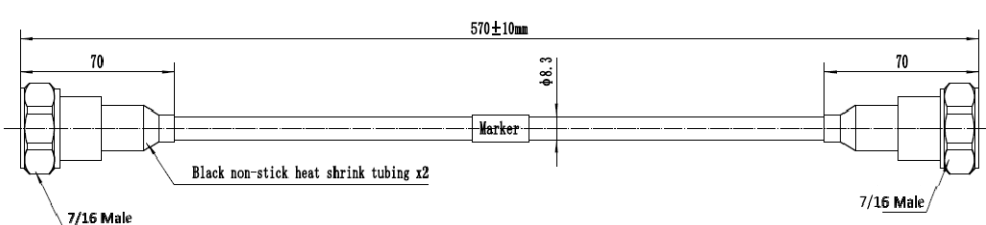
WCA907 Raw Cable Electrical Specification										
Operating Frequency	18GHz									
Frequency	0.3	1	2	3	6	8	10	12	16	18 GHz
Attenuation	0.084	0.153	0.219	0.269	0.387	0.453	0.510	0.561	0.658	0.708 dB/m
Power	4491	2433	1703	1380	960	824	731	663	567	532 W
Velocity of Propagation	83%									
Shielding Effectiveness	90dB min.									
Impedance	50 ohm									
Min. Static Bending Radius	42mm									
Min. Dynamic Bending Radius	83mm									

WCA907 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	2.44 mm
Dielectric	Low Density PTFE	6.56 mm
Outer Conductor	Silver Plated Copper Ribbon	6.90 mm
Outer Shield	Silver Plated Copper	7.37 mm
Jacket	FEP	8.30 mm

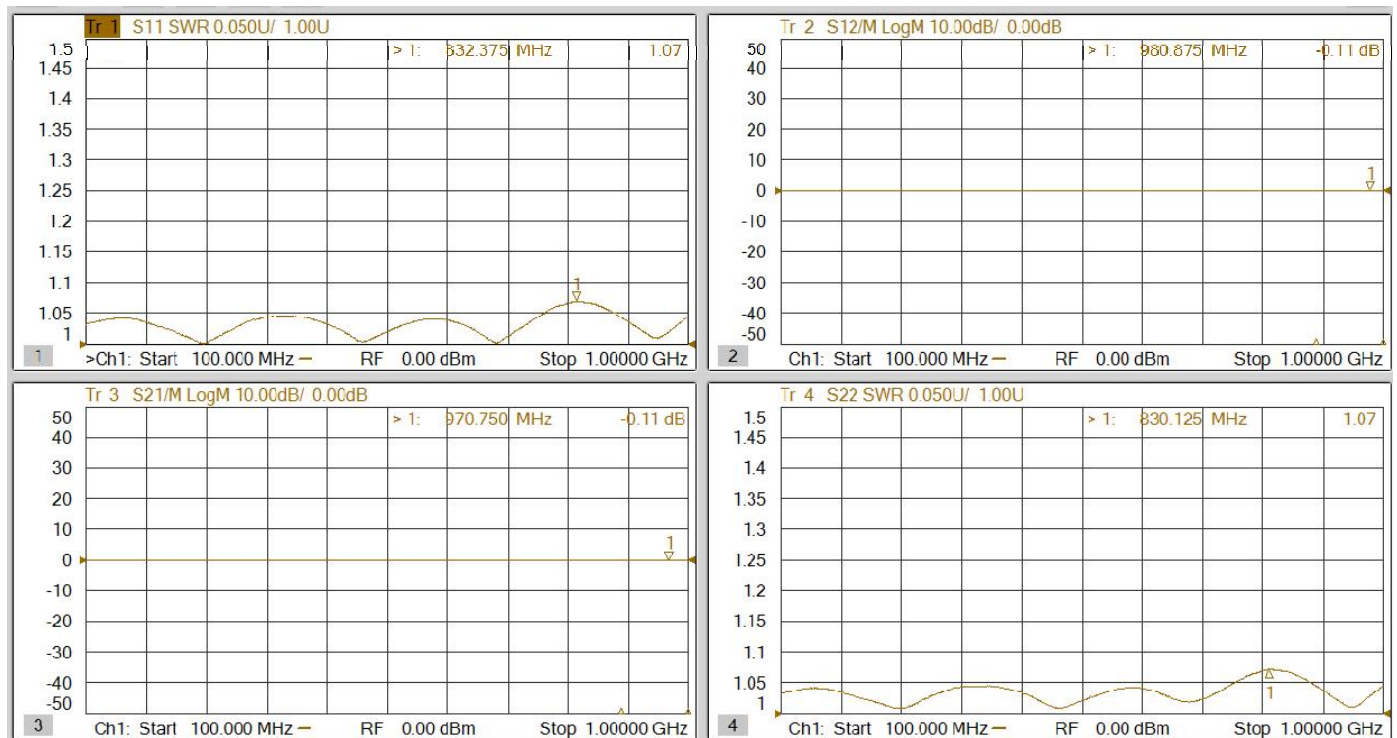
WCA907 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165°C

Cable Assembly Specification

1GHz 0.57M WCA907 Flexible Cable Assembly 7/16(M)-7/16(M)

Part No.	WCBA-WCA907LM.LM0.57 (XXX:Length,Unit: Meters)
Frequency	1GHz (max.)
Connection 1	7/16 Male
Connection 2	7/16 Male
VSWR	1.25:1(max.)
Operating Temperature	-40~+145°C
Average Power Rating	$\geq 3000W@0.3GHz$, $\geq 1800W@1GHz$ (sea level,+40°C)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve



7/16(M)-7/16(M) 0.57M