

Part No. WCBA-WCA903NM.NMXXX Series

3GHz WCA903 Flexible Cable Assembly N(M)-N(M)



Features:

- Low Insertion Loss
- Good Shielding Effectiveness
- High Power



WCA903 Raw Cable Electrical Specification

Operating Frequency	18GHz								
Frequency	1	2	3	6	8	10	12.4	18	GHz
Attenuation	0.258	0.303	0.377	0.491	0.527	0.603	0.669	0.780	dB/m
Power	1812	1270	1029	715	613	546	485	397	W
Velocity of Propagation	82%								
Shielding Effectiveness	90dB min.								
Phase Stability	±3°@10GHz ±4°@18GHz								
Amplitude Stability	±0.1 dB @18GHz								
Impedance	50 ohm								
Min. Static Bending Radius	40mm								
Min. Dynamic Bending Radius	80mm								

WCA903 Raw Cable Mechanical / Material Specification

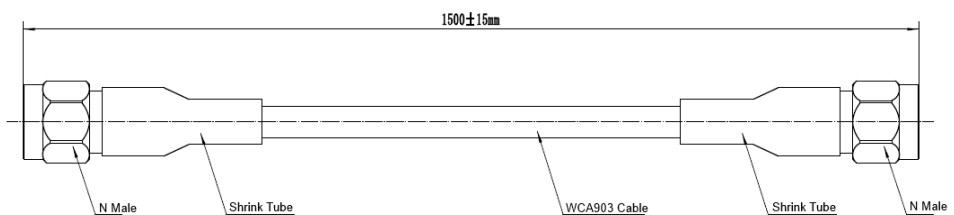
Description	Material	Diameter
Center Conductor	Silver Plated Copper	2.31 mm
Dielectric	Low Density PTFE	6.20 mm
Outer Conductor	Silver Plated Copper Strip	6.45 mm
Outer Braid	Silver Plated Copper	7.22 mm
Jacket	PFA	7.95 mm

WCA903 Raw Cable Environmental Specification

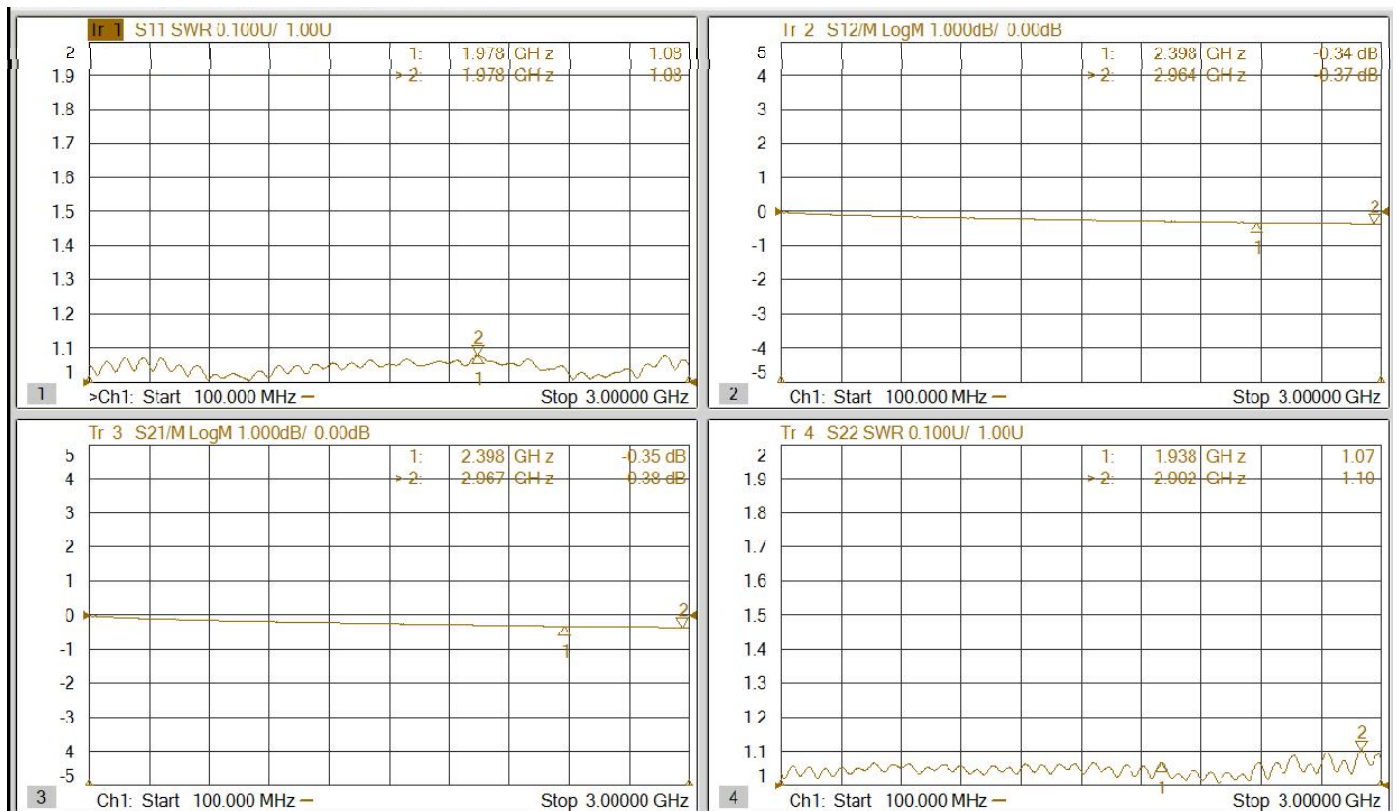
Operating Temperature	-55 ~+165°C
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Cable Assembly Specification

3GHz WCA903 Flexible Cable Assembly N(M)-N(M)

Part No.	WCBA-WCA903NM.NMXXX (XXX:Length,Unit: Meters)
Frequency	3GHz (max.)
Connection 1	N Male
Connection 2	N Male
VSWR	1.25:1(max.)
Operating Temperature	-55 ~+135°C
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve



N(M)-N(M) 1.5M