

Part No. WCBA-WCA20124F.24MXXX Series

50GHz WCA201 flexible Cable Assembly 2.4mm(M)-2.4mm(F)



Features:

- Low Insertion Loss
- Good Shielding Effectiveness



WCA201 Raw Cable Electrical Specification

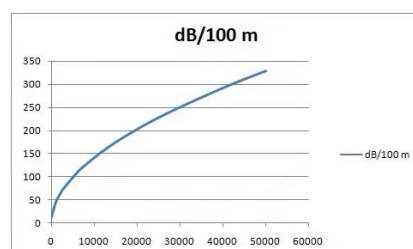
Cut-Off Frequency	50GHz									
Operating Frequency	50GHz									
Frequency	0.5	1	6	10	12.4	18	26.5	40	50	GHz
Attenuation	0.31	0.44	1.09	1.41	1.58	1.92	2.35	2.92	3.29	dB/m
Power	1245	878	353	272	243	200	164	132	117	W
Velocity of Propagation	76%									
Shielding Effectiveness	90dB min.									
Phase Stability	$\pm 7^\circ @ 40\text{GHz}, \pm 10^\circ @ 50-67\text{GHz}$									
Amplitude Stability	$\leq \pm 0.1\text{dB} @ 50\text{GHz}$									
Impedance	50 ohm									
Min. Static Bending Radius	18mm									
Min. Dynamic Bending Radius	36mm									

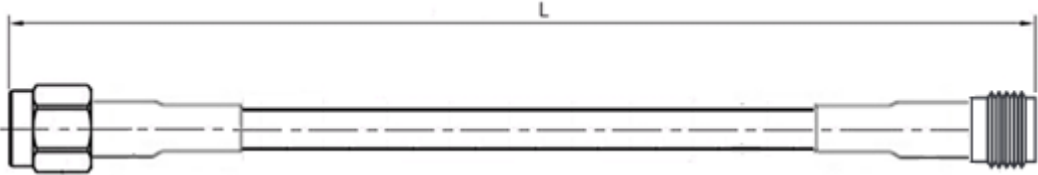
WCA201 Raw Cable Mechanical / Material Specification

Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.72 mm
Dielectric	Low Density PTFE	2.21 mm
Inner Braid	Silver Plated Copper Strip	2.38 mm
Interlayer	Low Density PTFE	2.68mm
Outer Braid	Silver Plated Copper	3.14 mm
Jacket	FEP	3.60 mm

WCA201 Raw Cable Environmental Specification

Operating Temperature	-55 ~+165°C
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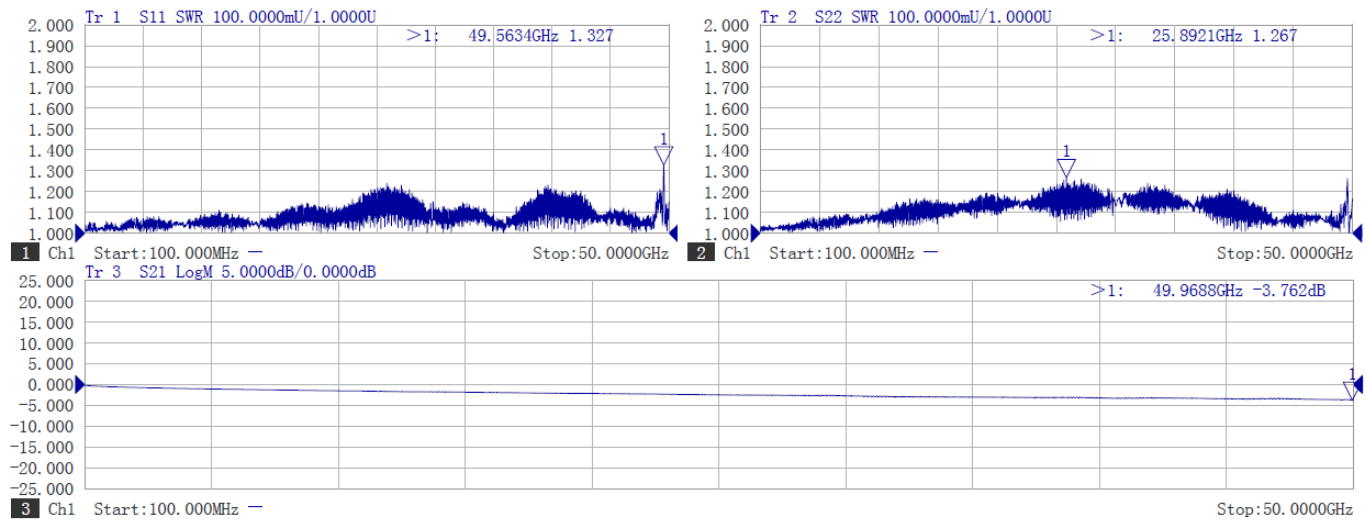


Cable Assembly Specification	
50GHz WCA201 flexible Cable Assembly 2.4mm(M)-2.4mm(F)	
Part No.	WCBA-WCA20124F.24MXXX (XXX:Length,Unit: Meters)
Frequency	50GHz (max.)
Connection 1	2.4mm Male
Connection 2	2.4mm Female
VSWR	1.25:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	



With Warison, always get wonderful solution

Test Report



2.4mm(M)-2.4mm(F) 1M