

Part No. WCBA-WCA1124M.24MXXX Series

40GHz WCA11 Flexible Cable Assembly 2.4mm(M)-2.4mm(M)



Features:

- Low Insertion Loss
- Low VSWR



WCA11 Raw Cable Electrical Specification

Cut-Off Frequency	50GHz
Operating Frequency	50GHz
Frequency	0.5 1 6 10 12.4 18 26.5 40 GHz
Attenuation	0.41 0.55 1.20 1.54 1.60 2.05 2.49 3.06 dB/m
Power	1239 873 349 268 239 197 161 128 W
Velocity of Propagation	75%
Shielding Effectiveness	90dB min.
Phase Stability	±6° @40GHz
Amplitude stability	±0.1 dB @40GHz
Impedance	50 ohm
Min. Static Bending Radius	19mm
Min. Dynamic Bending Radius	37mm

WCA11 Raw Cable Mechanical / Material Specification

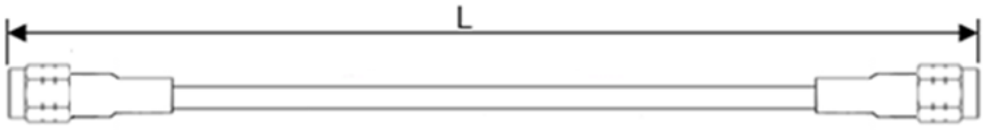
Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.73mm
Dielectric	Low Density PTFE	2.23 mm
Inner Braid	Silver Plated Copper Strip	2.38 mm
Interlayer	Low Density PTFE	2.69mm
Outer Braid	Silver Plated Copper	3.16 mm
Jacket	FEP	3.60 mm

WCA11 Raw Cable Environmental Specification

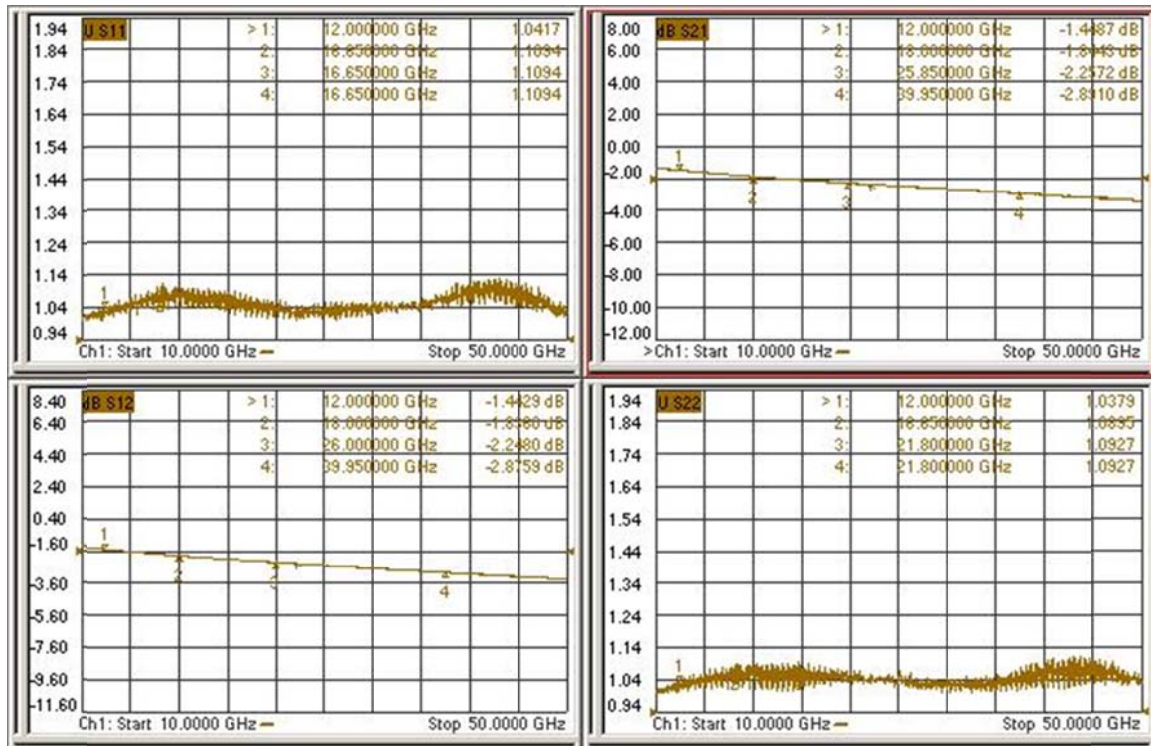
Operating Temperature	-55 ~+165°C
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Cable Assembly Specification

40GHz WCA11 Flexible Cable Assembly 2.4mm(M)-2.4mm(M)

Part No.	WCBA-WCA1124M.24MXXX (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.4mm Male
Connection 2	2.4mm Male
VSWR	1.25:1(Max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



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