

Part No. WCBA-WCA20729M.PFXXX Series

40GHz WCA207 Flexible Cable Assembly 2.92mm(M)-SMP(F)



Features:

- Low VSWR
- Low Insertion Loss
- High Reliability



WCA207 Raw Cable Electrical Specification

Cut-off Frequency	50GHz								
Max. Operating Frequency	40GHz								
Frequency	1	3	6	10	12.4	18	26.5	40	GHz
Attenuation	0.76	1.31	1.81	2.29	2.55	3.08	3.76	4.63	dB/m Typ.
Power	89	52	33	25	23	19	17	14	Watts
Velocity of propagation	81%								
Shielding Effectiveness	90 dB min.								
Min. Bending Radius: installation	9 mm								
Min. Bending Radius: Repeated	22mm								
Impedance	50 ohm								

WCA207 Raw Cable Mechanical/ Material Specification

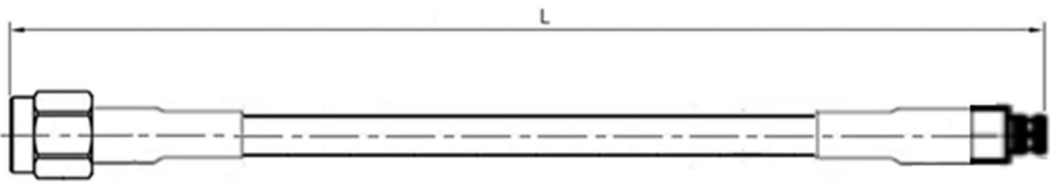
Description	Diameter	Material
Center Conductor	0.50 mm	Silver Plated Copper
Dielectric	1.38mm	Low Density PTFE
Inner Shield	1.54mm	Silver Plated Copper Strip
Outer Shield	1.89 mm	Silver Plated Copper
Jacket	2.20mm	FEP

WCA207 Raw Cable Environmental Specification

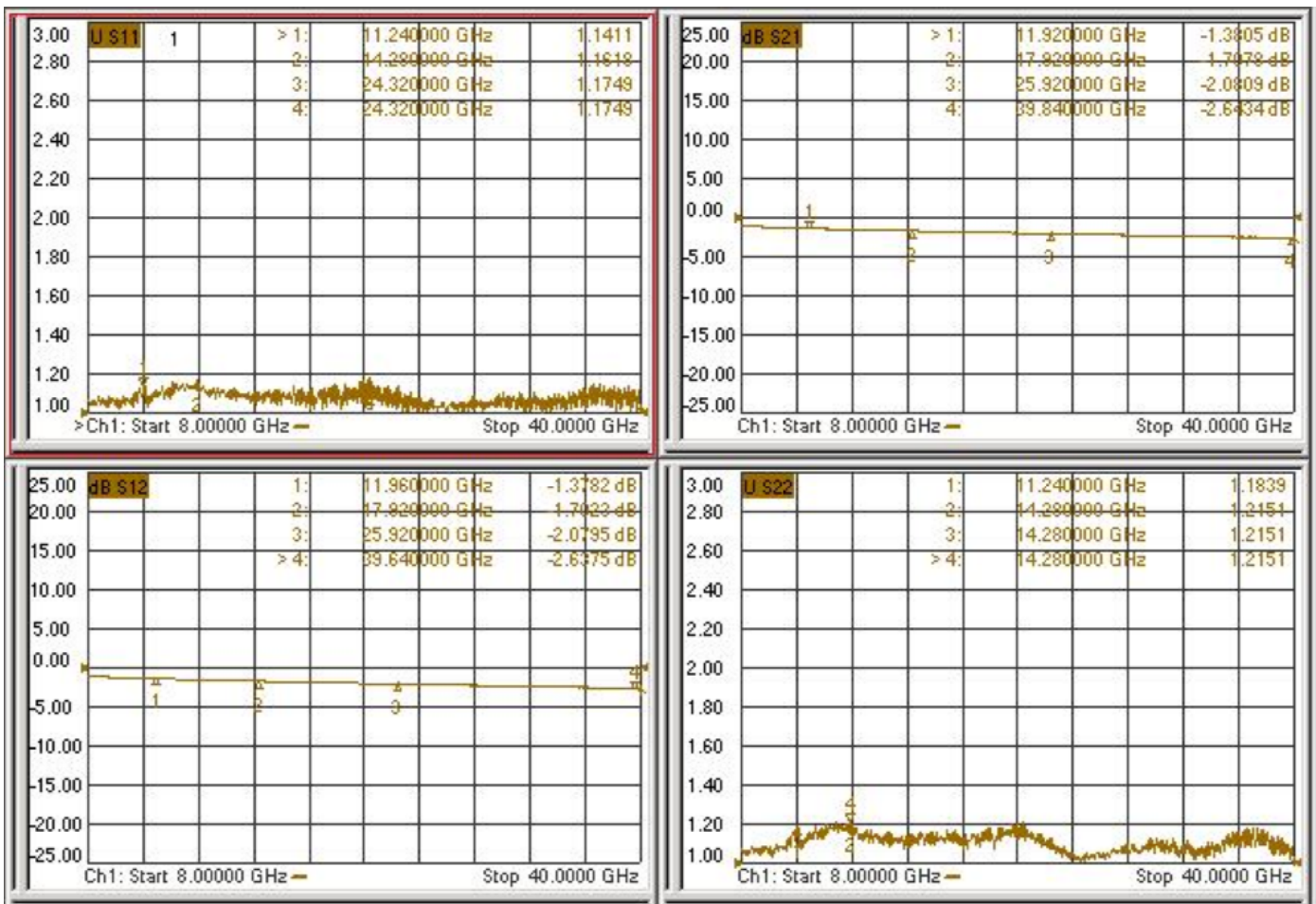
Operating Temperature	-55 ~+125°C
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Cable Assembly Specification

40GHz WCA207 Flexible Cable Assembly 2.92mm(M)-SMP(F)

Part No.	WCBA-WCA20729M.PFXXX (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.92mm Male
Connection 2	SMP Female
VSWR	1.4:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve



2.92mm(M)-SMP(F) 0.6M