

Part No. WCBA-WCA0929M.29MXXX Series

40GHz WCA09 Flexible Cable Assembly 2.92mm(M)-2.92mm(M)



Features:

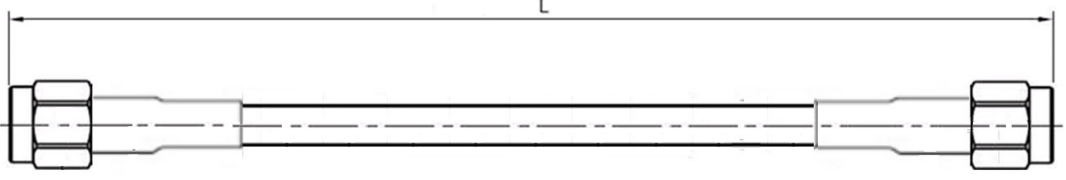
- Low VSWR
- Low Insertion Loss
- High Reliability



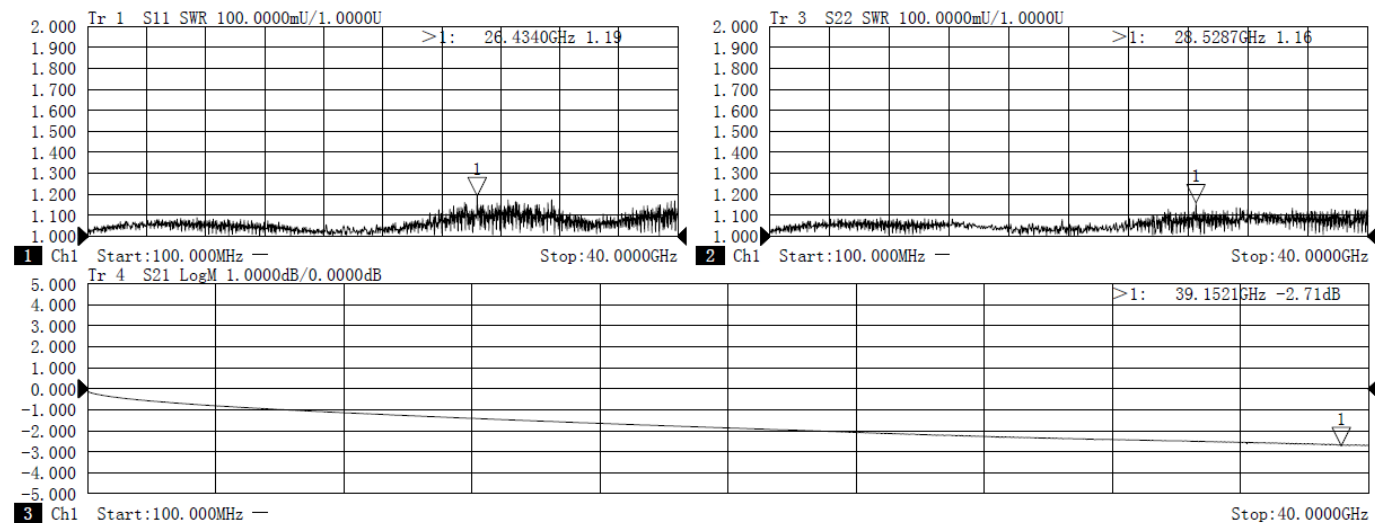
WCA09 Raw Cable Electrical Specification									
Cut-off Frequency	45GHz								
Max. Operating Frequency	40GHz								
Frequency	3	6	8	10	12.4	18	26.5	40	GHz
Attenuation	0.83	1.12	1.26	1.39	1.52	1.83	2.20	2.73	dB/m Typ.
Power	286	195	171	152	133	112	89	72	Watts
Velocity of propagation	82%								
Shielding Effectiveness	90 dB min.								
Min. Bending Radius: installation	16 mm								
Min. Bending Radius: Repeated	37mm								
Impedance	50 ohm								

WCA09 Raw Cable Mechanical/ Material Specification		
Description	Diameter	Material
Center Conductor	0.91 mm	Silver Plated Copper
Dielectric	2.50mm	PTFE
Inner Shield	2.66mm	Silver Plated Copper Strip
Outer Shield	3.11 mm	Silver Plated Copper
Jacket	3.60mm	FEP

WCA09 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165℃

Cable Assembly Specification	
40GHz WCA09 Flexible Cable Assembly 2.92mm(M)-2.92mm(M)	
Part No.	WCBA-WCA0929M.29MXXX (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.92mm Male
Connection 2	2.92mm Male
VSWR	1.2:1(max.) Length $\leq$ 0.2M:1.25:1(max.) Length $\geq$ 4.5M:1.35:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



2.92mm(M)-2.92mm(M) 100cm