

Part No. WCBA-WCA3729F.TLXXX-01 Series

40GHz WCA37 Semi-Rigid Cable Assembly 2.92mm(F) -Trimmed Lead /Phase match : <1ps



Features:

- Low Insertion Loss
- Good Shielding effectiveness



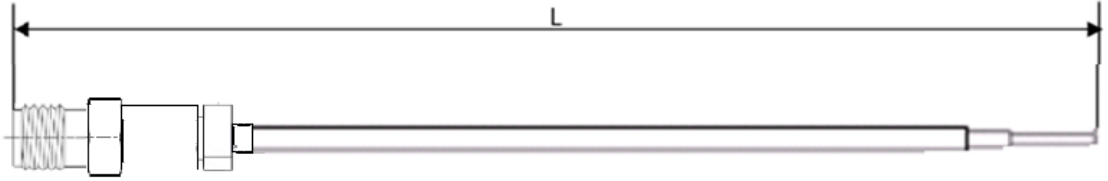
WCA37 Raw Cable Electrical Specification									
Cut-Off Frequency	109GHz								
Operating Frequency	67GHz								
Frequency	0.5	1	3	5	10	20	40	67	GHz
Attenuation	0.79	1.13	2.17	2.59	3.74	5.44	8.19	14.33	dB/m
Power	67	47	25	21	14	10	59	48	W
Velocity of Propagation	70%								
Shielding Effectiveness	165dB(Min.)								
Impedance	50 ohm								
Min. Static Bending Radius	4.2mm								

WCA37 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper Clad Steel	0.29 mm
Dielectric	PTFE	0.94 mm
Outer Conductor	Tin Plated Seamless annealed tinned copper	1.19mm

WCA37 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+125°C

Cable Assembly Specification

40GHz WCA37 Semi-Rigid Cable Assembly 2.92mm(F) -Trimmed Lead /Phase match : <1ps

Part No.	WCBA-WCA3729F.TLXXX-01 (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.92mm Female
VSWR	1.4:1(max.)
Phase Match	<1PS
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve

