

Part No. WCBA-WCA313PEPFXXX-01 Series

**26.5GHz WCA313 Semi-Flex Cable Assembly SMP(F)-SMP(F) Phase match
<+/-1ps@26.5GHz**



Features:

- Low Insertion Loss
- Good Shielding effectiveness



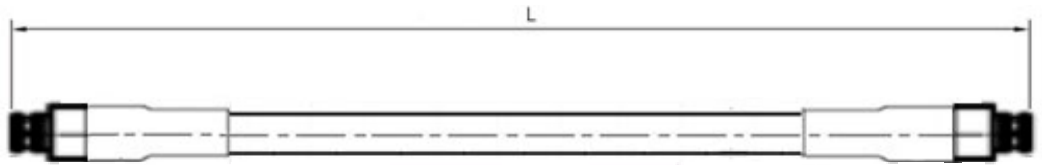
WCA313 Raw Cable Electrical Specification									
Operating Frequency	40GHz								
Frequency	0.5	1	3	5	10	18	26.5	40	GHz
Attenuation	0.528	0.801	1.406	1.825	2.707	3.688	4.679	5.857	dB/m
Power	190	131	67	55	34	25	21	18	W
Velocity of Propagation	70%								
Shielding Effectiveness	100dB(Min.)								
Impedance	50 ohm								
Min. Static Bending Radius	4.0mm								
Min. Dynamic Bending Radius	10.0mm								

WCA313 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper Clad Steel	0.51 mm
Dielectric	PTFE	1.61 mm
Outer Conductor	Tinned Copper Braid	2.17mm

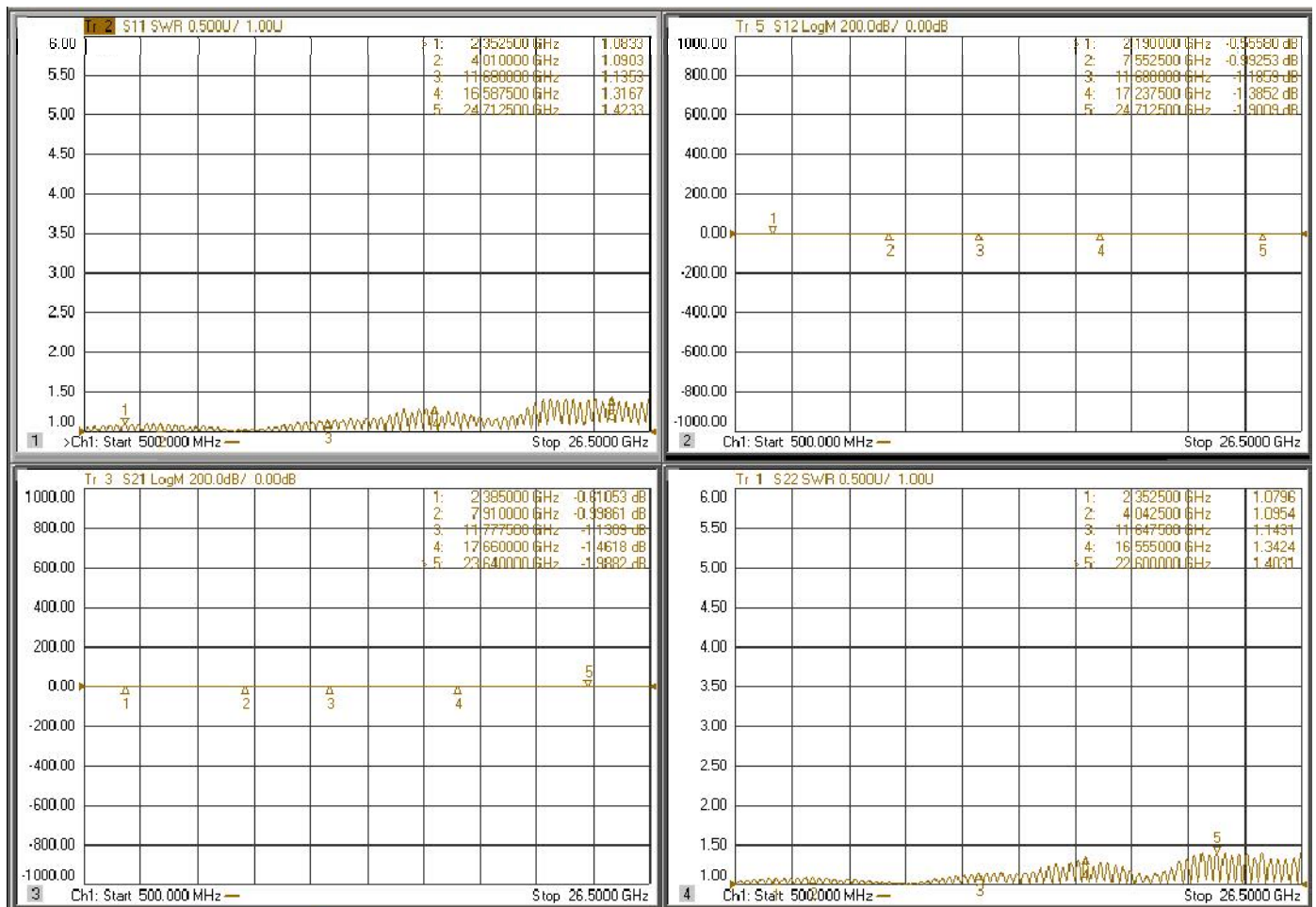
WCA313 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+150°C

Cable Assembly Specification

26.5GHz WCA313 Semi-Flex Cable Assembly SMP(F)-SMP(F) Phase match $\leq \pm 1\text{ps}@26.5\text{GHz}$

Part No.	WCBA-WCA313PFPFXXX (XXX:Length,Unit: Meters)
Frequency	26.5GHz (max.)
Connection 1	SMP Female
Connection 2	SMP Female
VSWR	1.5:1(max.)
Phase Match	$\leq \pm 1\text{ps}@26.5\text{GHz}$
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm: $\pm 8\text{mm}$ >200mm: $\pm 1.5\%$	

Test Curve



SMP(F)-SMP(F) 0.3M