

Part No. WCBA-WCA213MPXM.SMXXX Series

21GHz 0.15M WCA213 Flexible Cable Assembly SMA(M)-MMPX(M)



Features:

- Low Insertion Loss
- Good Shielding Effectiveness



WCA213 Raw Cable Electrical Specification										
Operating Frequency	50GHz									
Frequency	1	3	6	10	12.4	18	26.5	40	50	GHz
Attenuation	0.701	1.229	1.760	2.299	2.576	3.141	3.868	4.843	5.479	dB/m
Power	97	55	39	29	26	22	18	14	12	W
Velocity of Propagation	76%									
Shielding Effectiveness	90dB min.									
Phase Stability	$\pm 3^\circ @ 18\text{GHz}$, $\pm 5^\circ @ 26.5\text{GHz}$									
Amplitude Stability	$\pm 0.1 \text{ dB} @ 18\text{GHz}$									
Impedance	50 ohm									
Min. Static Bending Radius	11mm									
Min. Dynamic Bending Radius	23mm									

WCA213 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.51 mm
Dielectric	Low Density PTFE	1.52 mm
Outer Conductor	Silver Plated Copper Ribbon	1.70 mm
Outer Shield	Silver Plated Copper	2.04 mm
Jacket	FEP	2.33 mm

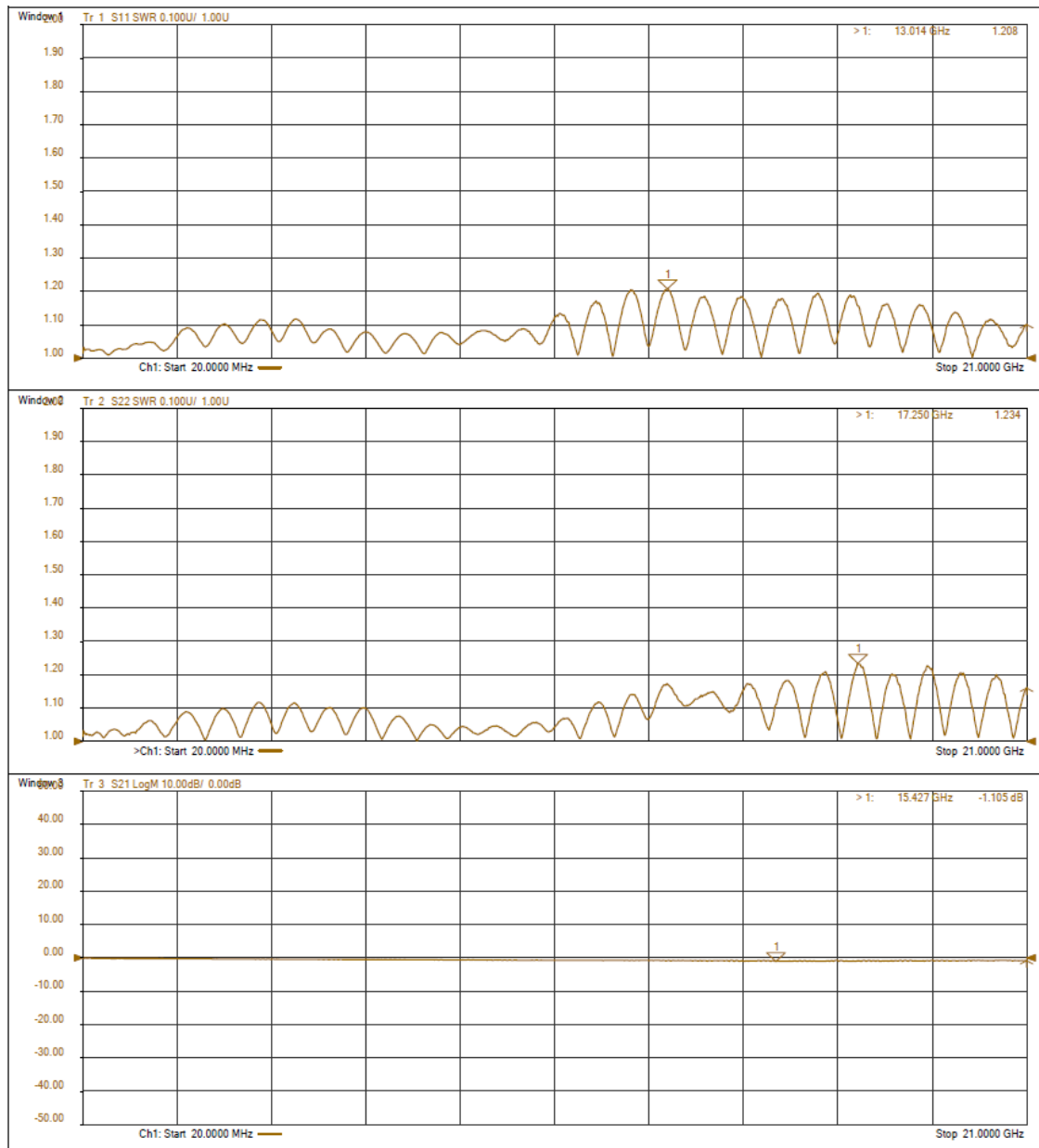
WCA213 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165°C

Cable Assembly Specification

21GHz WCA213 Flexible Cable Assembly SMA(M)-MMPX(M)

Part No.	WCBA-WCA213MPXM.SMXXX (XXX:Length,Unit: Meters)
Frequency	21GHz (max.)
Connection 1	SMA Male
Connection 2	MMPX Male
VSWR	1.3:1(max.)

Test Curve



0.15M