

Part No. WCBA-WCA17SE.SMXXX Series

18GHz WCA17 Flexible Cable Assembly SMA(F)-SMA(M) /Phase match 1ps@2GHz



Features:

- Low Insertion Loss
- Good Shielding effectiveness



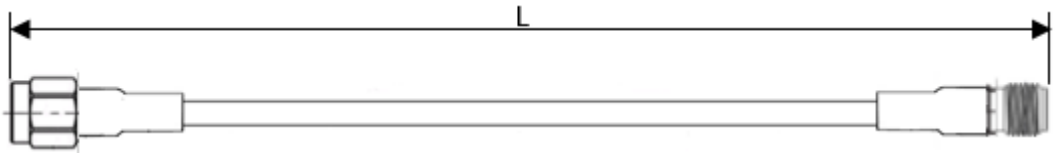
WCA17 Raw Cable Electrical Specification								
Max. Operating Frequency	18GHz							
Frequency	1	4	6	8	10	12.4	18	GHz
Attenuation	0.876	1.673	1.998	2.371	2.685	2.988	3.692	dB/m
Power	118	55	44	37	33	29	23	W
Velocity of Propagation	70%							
Shielding Effectiveness	90dB(Min.)							
Impedance	50 ohm							
Min. Static Bending Radius	15.0mm							
Min. Dynamic Bending Radius	30.0mm							

WCA17 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.54 mm
Dielectric	PTFE	1.63 mm
Outer Conductor	Silver Plated Copper	1.84 mm
Shield	Silver Plated Copper	2.19 mm
Jacket	FEP	2.68 mm

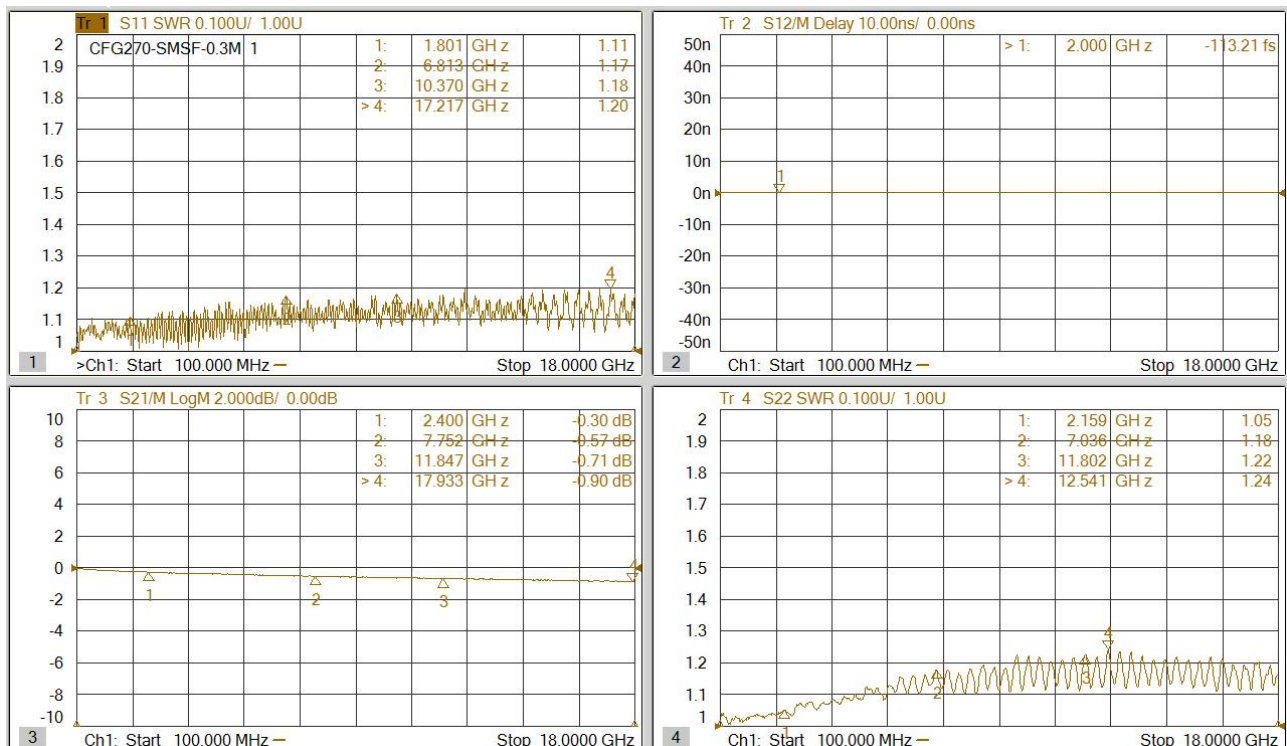
WCA17 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+125°C

Cable Assembly Specification

18GHz WCA17 Flexible Cable Assembly SMA(F)-SMA(M) /Phase match 1ps@2GHz

Part No.	WCBA-WCA17SF.SMXXX (XXX:Length,Unit: Meters)
Frequency	18GHz (max.)
Connection 1	SMA Male
Connection 2	SMA Female
VSWR	1.25:1(max.)@DC-2GHz 1.35:1(max.)@2-18GHz
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Curve



SMA(M)-SMA(F) 0.3M

