

Part No. WCBA-WCA21724M.24MXXX Series

50GHz WCA217 flexible Cable Assembly 2.4mm(M)-2.4mm(M)



Features:

- Low Insertion Loss
- Good Shielding Effectiveness



WCA217 Raw Cable Electrical Specification										
Operating Frequency	50GHz									
Frequency	1	6	8	10	12	18	26.5	40	50	GHz
Attenuation	0.438	1.088	1.261	1.415	1.554	1.918	2.348	2.917	3.285	dB/m
Power	409	165	142	127	115	93	76	61	55	W
Velocity of Propagation	74%									
Shielding Effectiveness	90dB min.									
Impedance	50 ohm									
Min. Static Bending Radius	14mm									
Min. Dynamic Bending Radius	36mm									

WCA217 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.72 mm
Dielectric	Low Density PTFE	2.22 mm
Inner Shield	Silver Plated Copper Ribbon	2.39 mm
Interlayer	Low Density PTFE	2.69mm
Outer Shield	Silver Plated Copper	3.15 mm
Jacket	FEP	3.61 mm

WCA217 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+165°C

Cable Assembly Specification	
50GHz WCA217 flexible Cable Assembly 2.4mm(M)-2.4mm(M)	
Part No.	WCBA-WCA21724M.24M XXX (XXX:Length,Unit: Meters)
Frequency	50GHz (max.)
Connection 1	2.4mm Male
Connection 2	2.4mm Male
VSWR	1.3:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	