

Part No. WCBA-WCA4729M.29MXXX Series

40GHz WCA47 Semi-rigid Cable Assembly 2.92mm(M)-2.92mm(M)



Features:

- Low Insertion Loss
- Good Shielding effectiveness



WCA47 Raw Cable Electrical Specification										
Cut-Off Frequency	110GHz									
Operating Frequency	50GHz									
Frequency	0.5	1	3	6	10	18	26.5	40	50	GHz
Attenuation	1.01	1.45	2.32	3.03	4.02	5.52	6.75	8.39	14.51	dB/m
Power	84	59	33	23	18	13	10	8	7	W
Velocity of Propagation	70%									
Shielding Effectiveness	165dB(Min.)									
Impedance	50 ohm									
Min. Static Bending Radius	4.3mm									

WCA47 Raw Cable Mechanical / Material Specification		
Description	Material	Diameter
Center Conductor	Silver Plated Copper Clad Steel	0.28 mm
Dielectric	PTFE	0.92 mm
Outer Conductor	Ternary Alloy Plated Seamless	1.2mm

WCA47 Raw Cable Environmental Specification	
Operating Temperature	-55 ~+125°C

Cable Assembly Specification	
40GHz WCA47 Semi-rigid Cable Assembly 2.92mm(M)-2.92mm(M)	
Part No.	WCBA-WCA4729M.29MXXX (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.92mm Male
Connection 2	2.92mm Male
VSWR	1.3:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	