

Part No. WCBA-WCA30129M.29MXXX-01 Series

40GHz WCA301 Semi-Flex Cable Assembly 2.92mm(M)-2.92mm(M)



Features:

- Low Insertion Loss



WCA301 Raw Cable Electrical Specification

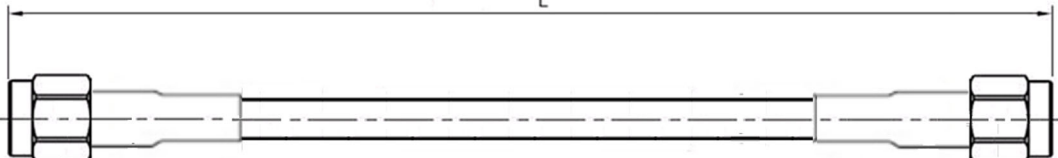
Operating Frequency	40GHz						
Frequency	0.5	1	3	5	10	20	GHz
Attenuation	0.56	0.82	1.50	1.98	2.91	4.27	dB/m
Power	180	119	62	46	30	20	W
Capacitance	29.5 pF/ft						
Velocity of Propagation	69.5%						
Impedance	50 ohm						
Min. Static Bending Radius	0.125 inch						
Min. Dynamic Bending Radius	0.375 inch						

WCA301 Raw Cable Mechanical / Material Specification

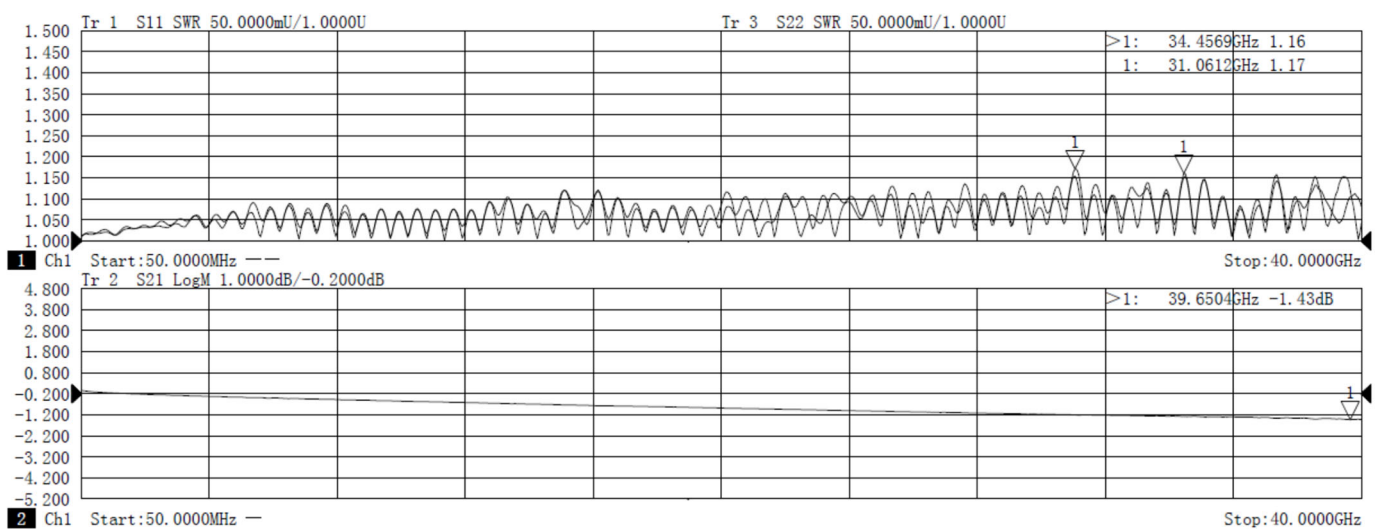
Description	Material	Diameter
Center Conductor	Silver Plated Copper Covered Steel	0.02 inch
Dielectric	Teflon	0.062inch
Inner Shield	Copper Foil Tape	Coverage:100%
Outer Shield	Tin-Filled Composite	Coverage:100%

WCA301 Raw Cable Environmental Specification

Operating Temperature	-70 ~+200°C
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Cable Assembly Specification	
40GHz WCA301 Semi-Flex Cable Assembly 2.92mm(M)-2.92mm(M)	
Part No.	WCBA-WCA30129M.29MXXX-01 (XXX:Length,Unit: Meters)
Frequency	40GHz (max.)
Connection 1	2.92mm Male
Connection 2	2.92mm Male
VSWR	1.2:1(max.) Length < 0.2M:1.25:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	

Test Report



2.92mm(M)-2.92mm(M) 20cm