

Part No. WCBA-WC51SE.TLXXX

20GHz WC51 Semi-Rigid Cable Assembly SMA(F) -Trimmed Lead



Features:

- High Shielding Effectiveness
- Low Insertion Loss
- Low VSWR



WC51 Raw Cable Electrical Specification

Cut-Off Frequency	67GHz							
Operating Frequency	40GHz							
Frequency	0.5	1	6	10	20	26.5	40	GHz
Attenuation	0.45	0.65	1.67	2.20	3.24	3.80	4.83	dB/m
Power	366	256	100	76	51	44	34	W
Velocity of Propagation	70%							
Shielding Effectiveness	>-165dB							
Min. Bend Radius	8.8mm							
Impedance	50 ohm							

WC51 Raw Cable Mechanical / Material Specification

Description	Material	Diameter
Center Conductor	SCCS	0.51 mm
Dielectric	PTFE	1.68 mm
Outer Conductor	Copper Tube	2.20mm

WC51 Raw Cable Environmental Specification

Operating Temperature	-55 ~+125°C
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Cable Assembly Specification	
20GHz WC51 Semi-Rigid Cable Assembly SMA(F) -Trimmed Lead	
Part No.	WCBA-WC51SF.TLXXX (XXX:Length,Unit: Meters)
Frequency	20GHz (max.)
Connection 1	SMA Female
VSWR	1.25:1(max.)
Outline (Unit: Meters) Unless Otherwise Specified Linearity Tolerance: 100~200mm:±8mm >200mm:±1.5%	