

Part No. WCBA-WC12 Series

26.5GHz WC12 Flexible Cable Assembly



Features:

- Low Loss, Low VSWR
- High Reliability



Electrical Specification

Cut-Off Frequency	32.9GHz						
Frequency	1	3	6	10	18	26.5	GHz
Attenuation	0.34	0.65	0.94	1.35	1.95	2.52	dB/m Typ.
Power	550	350	215	140	125	90	W
Capacitance	96.5Pf/m						
Velocity of Propagation	70%						
Time Delay	4.6 ns/m						
Shielding Effectiveness	<-95dB@18GHz						
Phase Stability vs. Flexure	±2.95°@26.5GHz						
Min. Bend Radius	25.4mm						
Impedance	50 ohm						

Mechanical / Material Specification

Description	Material	Diameter
Center Conductor	Silver Plated Copper	0.94 mm
Dielectric	Solid PTFE	2.97 mm
Inner Braid	Flat Silver Plated Copper Strip	3.25 mm
interlayer	Aluminum Polyester	3.38 mm
Outer Braid	Silver Plated Copper Braid	3.78 mm
Jacket	FEP	4.37 mm

Environmental Specification

Operating Temperature	-55 ~+200℃
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Test Data

