

Part No. WCBA-WC01 Series

WC01 Flexible Cable Assembly



Features:

- Low Loss, Low VSWR
- High Reliability
- Stainless Steel Armor is Available



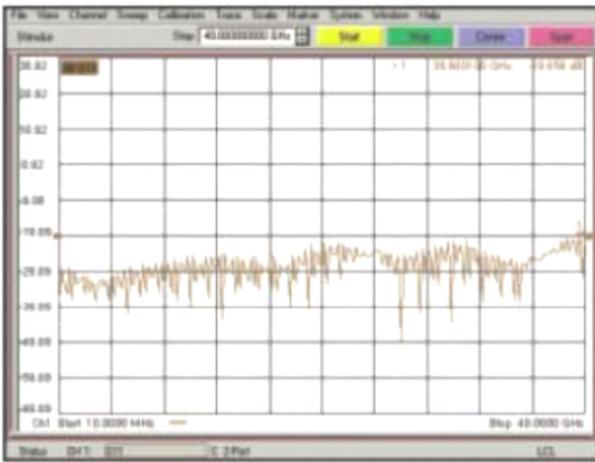
Electrical Specification	
Cut-Off Frequency	45GHz
Frequency	1 2 10 18 26.5 40 GHz
Attenuation	0.36 0.54 1.18 1.61 1.97 2.46dB/m
Power CW	- 420 170 125 100 75 W max
Capacitance	24Pf/Ft
Velocity of Propagation	83%
Shielding Effectiveness	<-100dB
Impedance	50 ohm

Mechanical Specification	
Overall Diameter	0.15 inch
One Time Bend Radius	0.75 inch min.
Recommend Bend Radius	2.0 inch min.

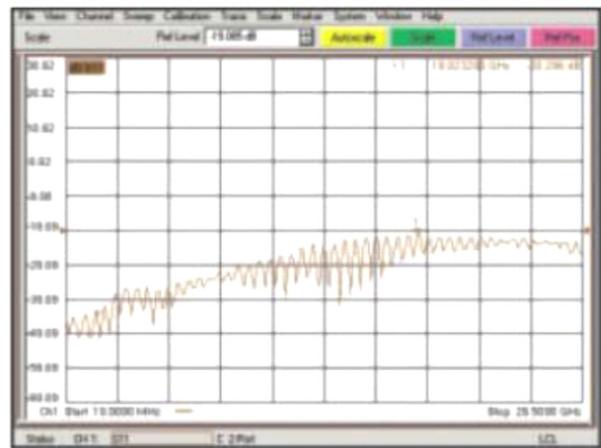
Material Specification		
Description	Material	Finish
Jacket	FEP	Light Yellow
Marker	MIL-I-23053	White
Connector Bodies	Stainless Steel	Passivated
Connector Nuts	Stainless Steel	Passivated
Contacts	Brass or Copper-Beryllium alloy	Gold plated
Insulator	PTFE	None
Gasket	Silicon Rubber	A-A-59588

Environmental Specification	
Operating Temperature	-55 ~+85°C

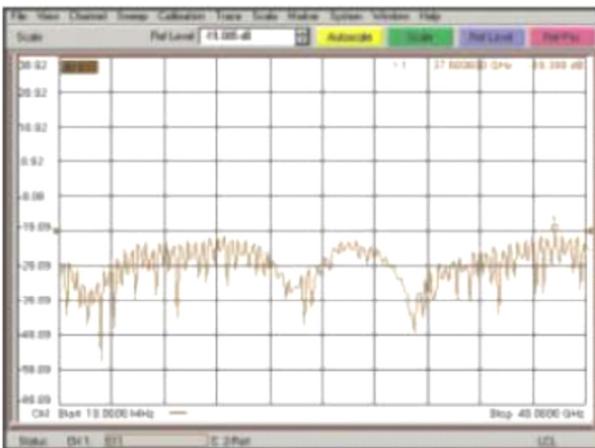
Connector Type	Length Inches	TYP. Insertion Loss(dB) At Freq.(GHz)					TYP. Return Loss(dB) At Freq.(GHz)				
		10	18	26.5	35	40	10	18	26.5	35	40
2.9M-2.9M	18	0.86	1.16	1.42	1.66	1.69	21	20	20	19	19
2.9M-2.9M	36	1.39	1.90	2.32	2.73	2.80	21	20	20	19	19
2.9M-2.9M	54	1.93	2.63	3.22	3.80	3.93	21	20	20	19	19
2.9M-2.9M	72	2.47	3.37	4.12	4.87	5.05	21	20	20	19	19
2.4M-2.4M	18	0.86	1.16	1.42	1.66	1.69	21	20	20	19	19
2.4M-2.4M	36	1.39	1.90	2.32	2.73	2.80	21	20	20	19	19
2.4M-2.4M	54	1.93	2.63	3.22	3.80	3.93	21	20	20	19	19
2.4M-2.4M	72	2.47	3.37	4.12	4.87	5.05	21	20	20	19	19



2.4mm(M)-2.4mm(M) DC-40GHz



2.92mm(M)-2.92mm(M) DC-26.5GHz



2.92mm(M)-2.92mm(M) DC-40GHz