

MFW1 Series are complete line of high performance flexible microwave cable assemblies.
The MFW103 Series have **Low density PTFE dielectric** structure and achieve fast velocity propagation of **81 %**.
W103 series have excellent RF performance up to 40, 50 GHz & 67 GHz with 2.92 mm, 2.4 mm & 1.85 mm connectors, respectively.

■ **Features**

- Center Conductor : Silver Plated Copper
- Dielectric core : LD PTFE
- Outer Conductor : Silver Plated Copper Ribbon
- Outer Shield : Silver Plated Copper



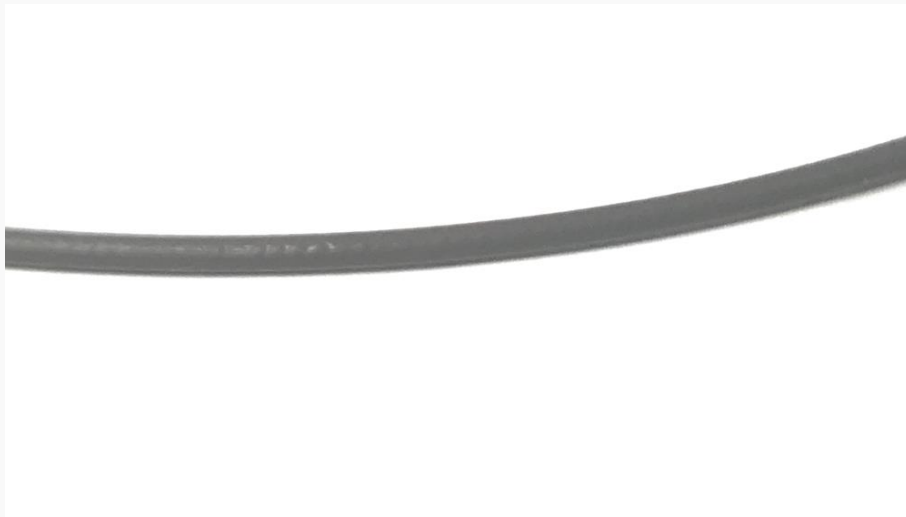
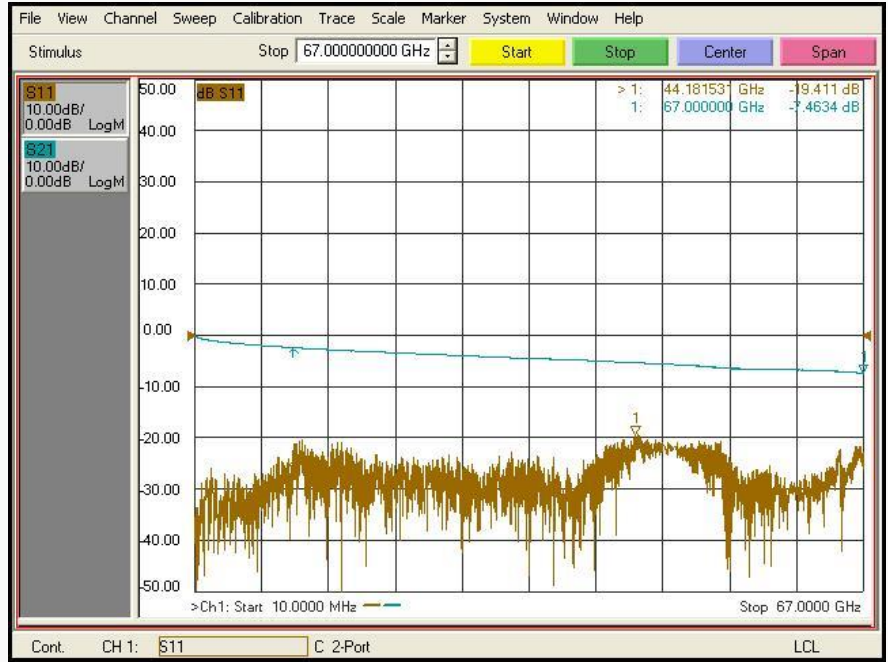
■ **Specification**

Scope	Specification	MFW103 (40,50 & 67 GHz)
Physical	Center Conductor (mm)	0.51
	Dielectric (mm)	1.38
	Outer Conductor (mm)	1.58
	Outer Shield (mm)	1.90
	Jacket (mm)	2.20
Electrical	Impedance(Ohm)	50
	Operation Freq.(GHz)	40,50 & 67 GHz
	Velocity of Propagation(%)	81
	Shielding Effectiveness(dB)	<- 90
	VSWR	< 1.3
	Amplitude Stability (dB)	< ± 0.05 (up to 67 GHz)
Mechanical & Environmental	Phase Stability	< ± 4 (up to 67 GHz)
	Weight (g/M)	16
	Bending Radius mm)	11 (Installation) 22 (Repeated)
	Temperature	-55 ~+165°C

■ Test Result

Part No: MFW103-VM1VM1-1M

- Frequency : DC to 67 GHz
- Connector : 1.85 mm (Male)
- Cable Length : 1 meter



■ **Selection Guide**

MFW103 – VM1VM1 – 1M

