

W2 Series are complete line of high performance flexible microwave cable assemblies. Specially, W201 Series have low density PTFE structure to achieve velocity propagation of 78 %.

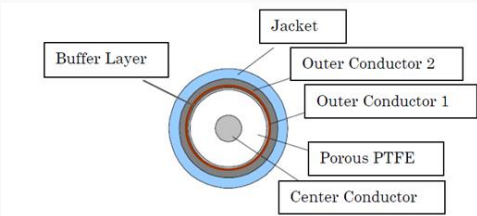
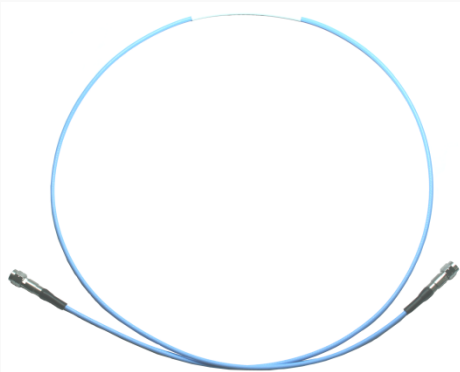
W201 series have excellent RF performance up to 50, 67 GHz with 2.4 mm & 1.85 mm connectors, respectively.

Features

- Center Conductor : Silver Plated Copper
- Insulator : Low Density PTFE
- Outer Conductor 1 : Silver Plated Copper Tape
- Buffer Layer : Resinous Tape
- Outer Conductor 2 : Silver Plated Copper Tape
- Jacket : FEP (Sky-Blue)

Specification

Scope	Specification	W201 (50,67 GHz)
Physical	Center Conductor (mm)	0.51
	Insulator (mm)	1.53
	Outer Conductor 1 (mm)	1.64
	Buffer layer	Resinous tape
	Outer Conductor 2 (mm)	2.16
	Jacket	2.70 ± 0.05
Electrical	Characteristic Impedance	50 ± 1 Ohm
	Velocity of Propagation (%)	Typical 78
	Capacitance	85 pF/m
	VSWR	< 1.3 to 50 GHz
	(based on connector selection)	< 1.4 to 67 GHz
	Attenuation at 20 °C (Typical)	at 26.5 GHz 3.5 dB/m
		at 40 GHz 4.4 dB/m
		at 50 GHz 5.0 dB/m
		at 67 GHz 5.9 dB /m
Mechanical & Environmental	Weight (g/M)	20
	Min. bending radius	15
	Operating Temperature	-65 ~+125°C



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 Test Result

W201 cable assembly

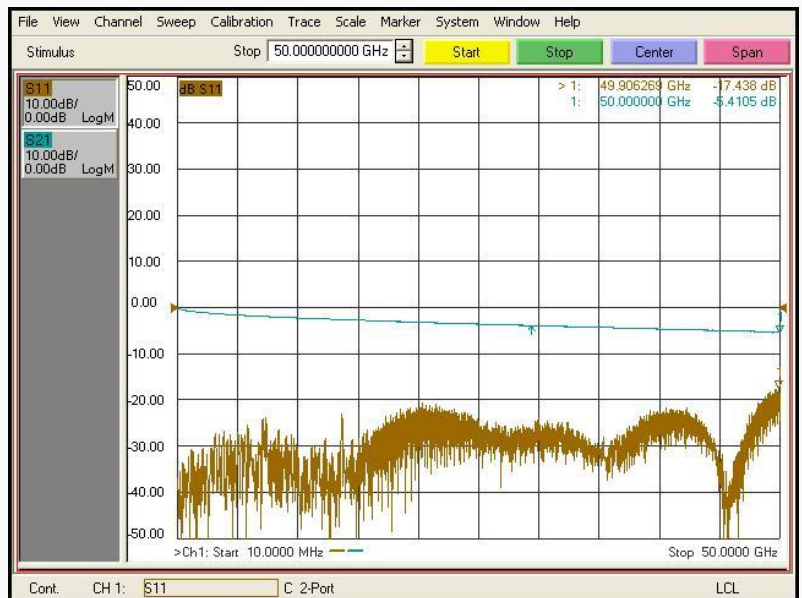
Part No. : W201-2M12M1-1M

- Frequency : 10 MHz to 50 GHz
- Connector : 2.4 mm (Male)
- Cable Length :1 meter



Part No. : W201-2F12F1-1M

- Frequency : 10 MHz to 50 GHz
- Connector : 2.4 mm (Female)
- Cable Length :1 meter

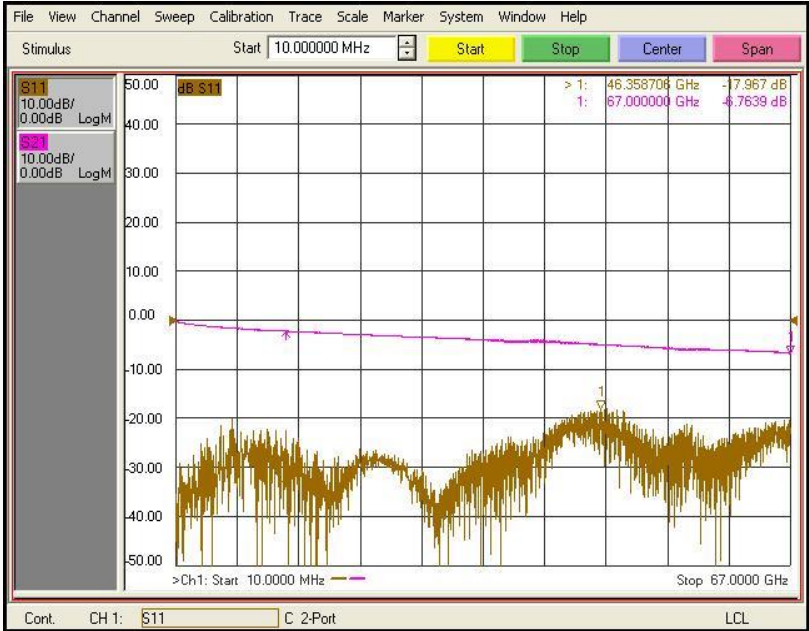


Test Result

W201 cable assembly

Part No. : W201-VM1VM1-1M

- Frequency : 10 MHz to 67 GHz
- Connector : 1.85 mm (Male)
- Cable Length :1 meter

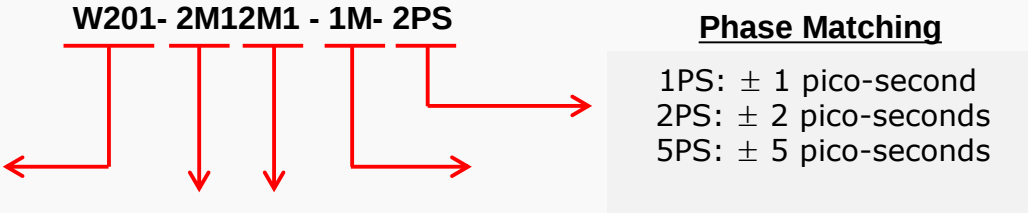


Part No. : W201-VF1VF1-1M

- Frequency : 10 MHz to 67 GHz
- Connector : 1.85 mm (Female)
- Cable Length :1 meter



■ Selection Guide



Cable Type

Connector Type

Cable Length

W201

2M1 : 2.4 mm Male
2F1 : 2.4 mm Female
VM1 :1.85 mm Male
VF1 : 1.85 mm Female

Unit : Meter

