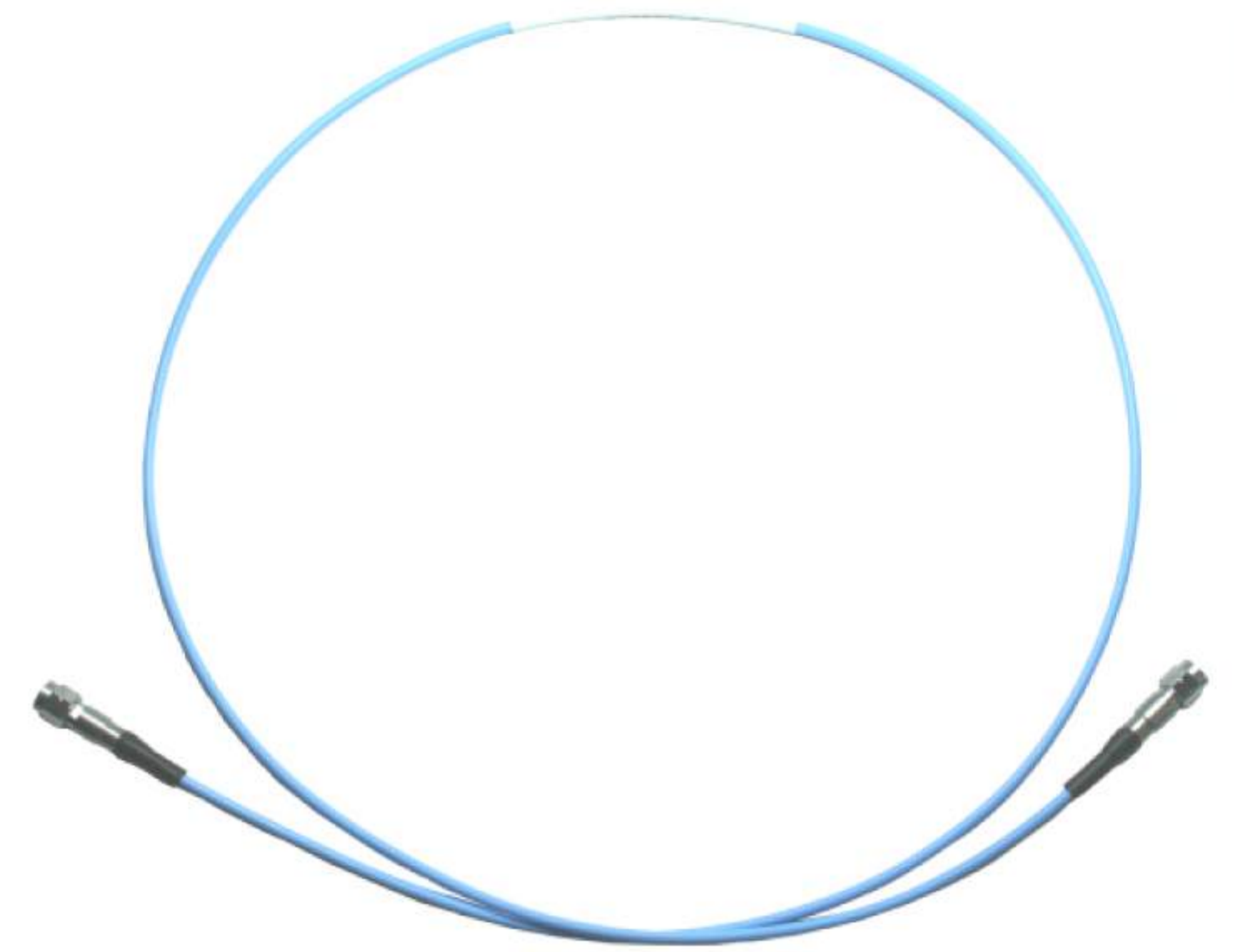


**W2 Series** are complete line of high performance flexible microwave cable assemblies.

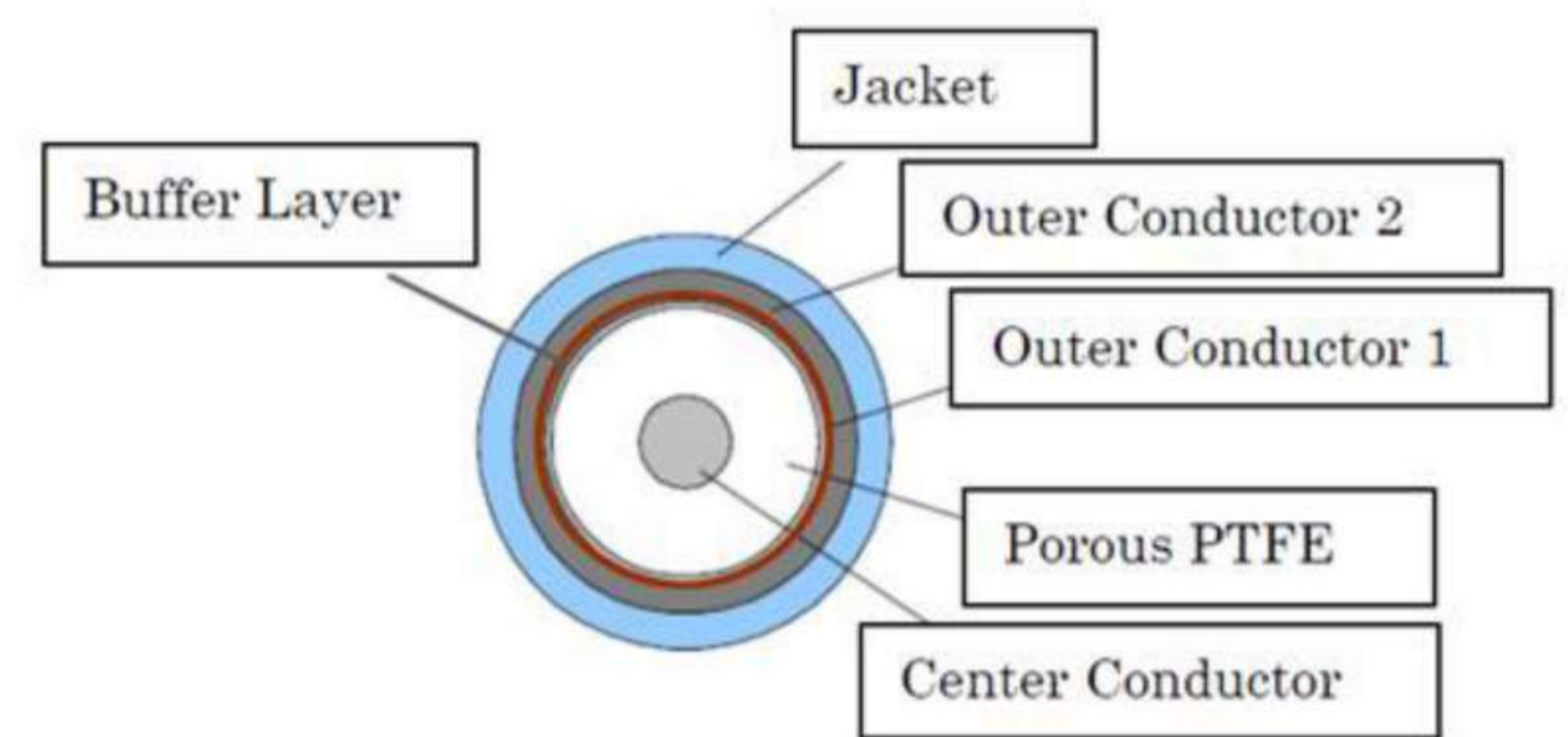
Specially, **W201** series have low density PTFE structure to achieve velocity propagation of **78 %**.

**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

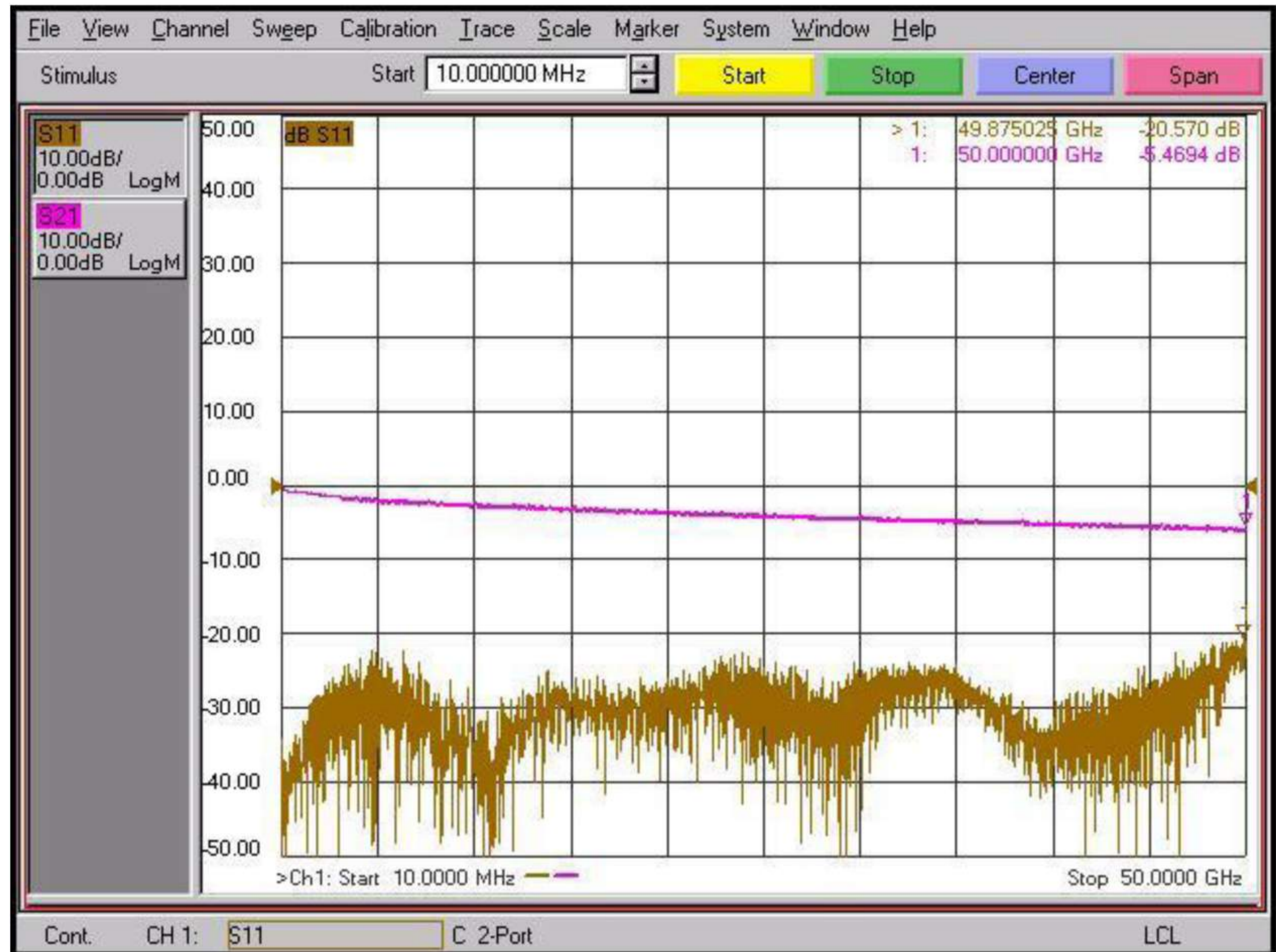
Scope	Specification	W201(50,67GHz)
Physical	Center Conductor (mm)	0.51
	Insulator (mm)	1.53
	Outer Conductor 1 (mm)	1.64
	Buffer layer	Resinous tape
	Outer Conductor 2 (mm)	2.16
	Jacket	2.70 ± 0.05
Electrical	Impedance	50 ± 1 Ohm
	Velocity of Propagation (%)	Typical 78
	Capacitance	85 pF/m
	VSWR (based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

■ **Test Result**

**W201 cable assembly**

**Part No. : W201-2M12M1-1M**

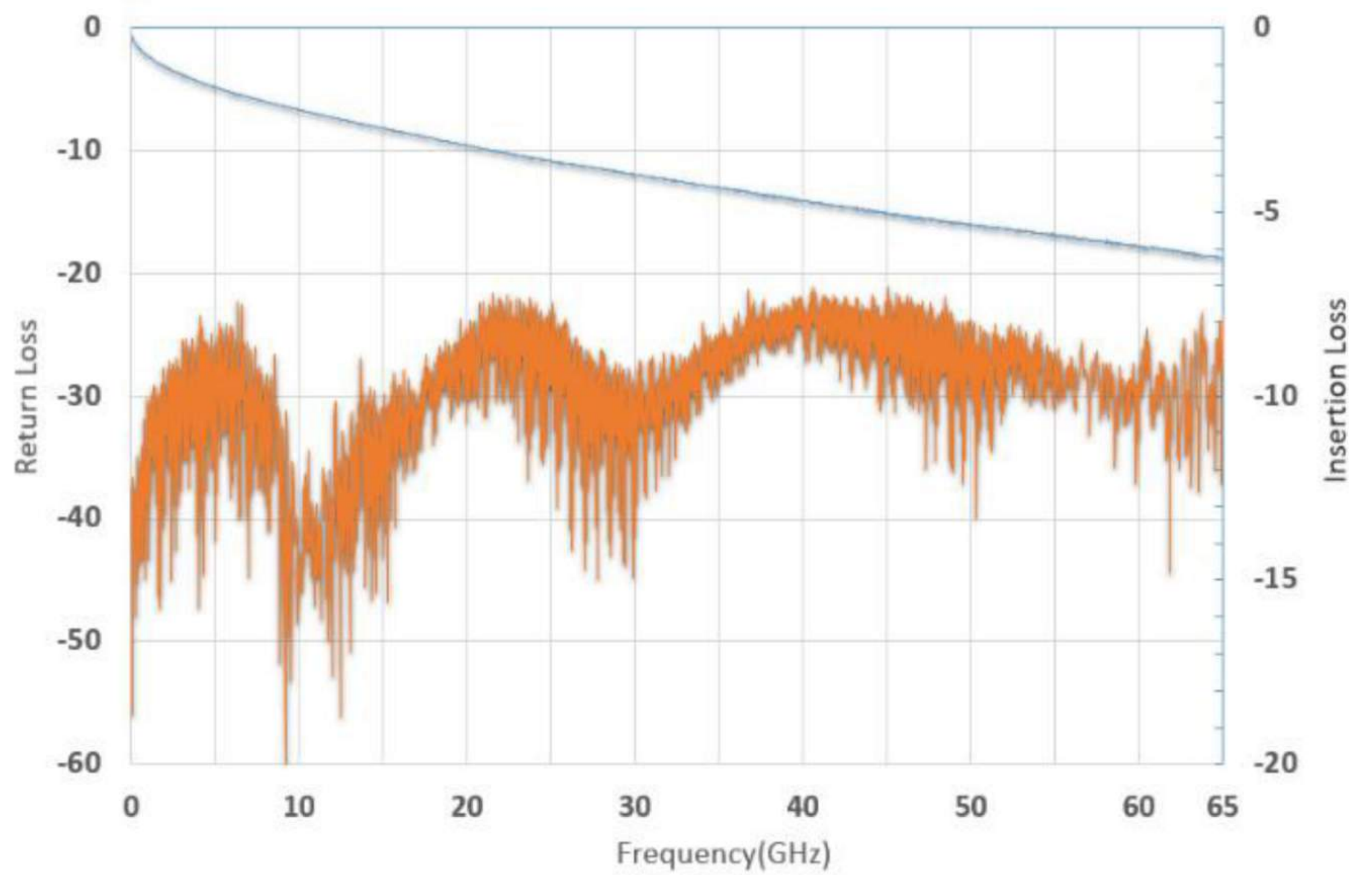
- Frequency : 10 MHz to 50 GHz
- Connector : 2.4 mm (Male)
- Cable Length : 1 meter



**W201 cable assembly**

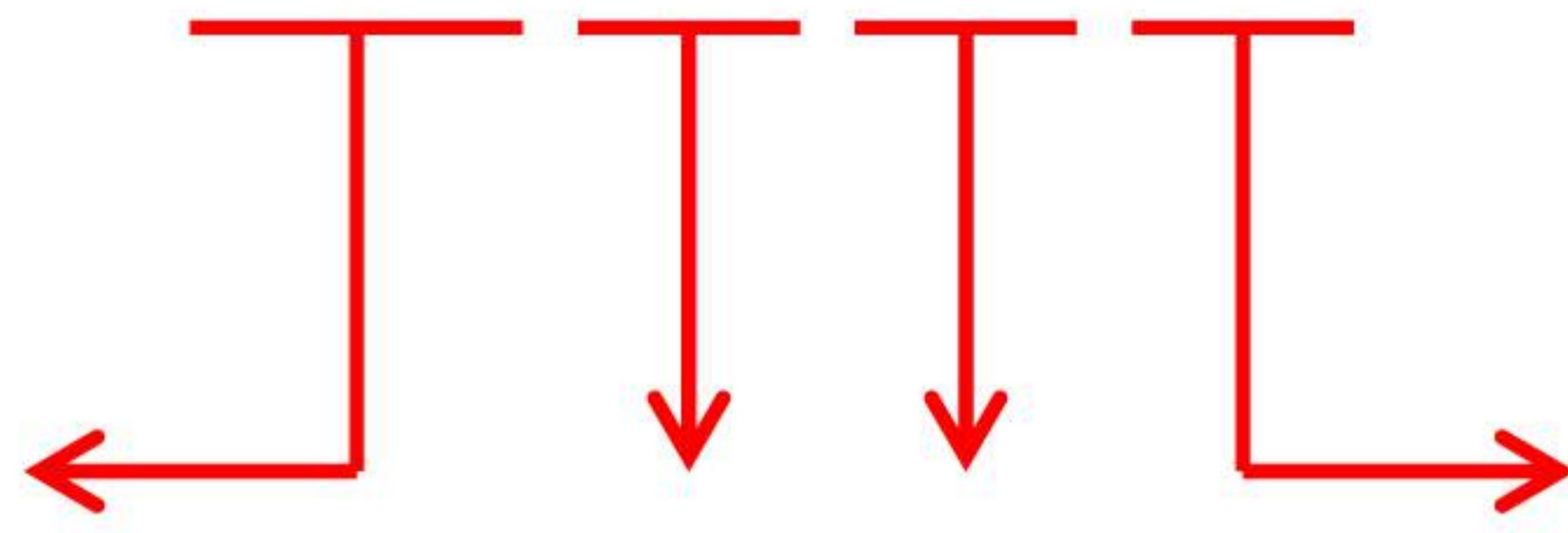
**Part No. : W201-VM1VM1-1M**

- Frequency : 10 MHz to 65 GHz
- Connector : 1.85 mm (Male)
- Cable Length : 1 meter



■ Selection Guide

W201- 2M12M1 - 1M



**Cable Type**

W201

**Connector Type**

2M1 : 2.4 mm Male  
 VM1 : 1.85 mm Male

**Cable Length**

Unit : Meter

W201(50 GHz) : 2.4 mm Connector



W201(67 GHz) : 1.85 mm Connector

