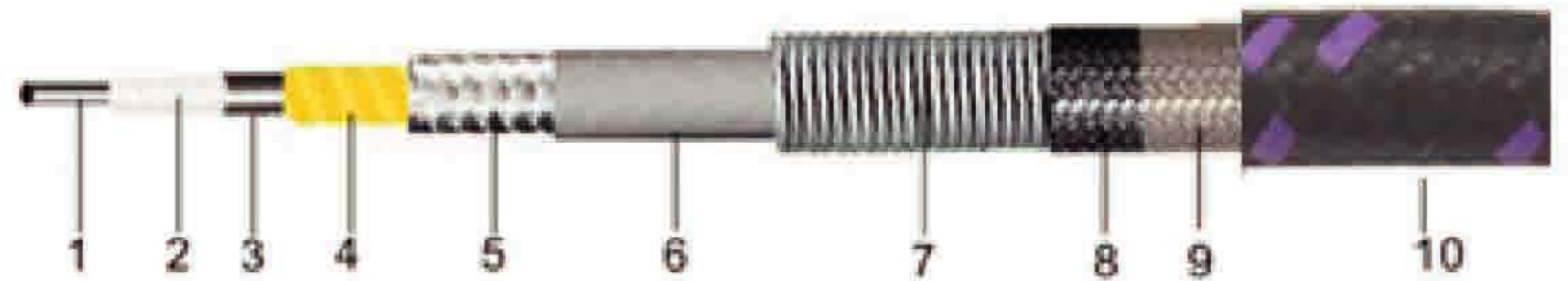


TM
W-Test cable assemblies are complete line of high precision flexible microwave cable assemblies, specially for stable phase testing. These WT series are designed by excellent microwave interconnection technologies.
The WT400,500 & 670 cable assemblies are claimed to have excellent insertion loss, high phase/amplitude stability in relation to temperature.



■ Features



- 1. Center Conductor : Silver Plated Copper
- 2. Dielectric core : LD PTFE
- 3. Outer Conductor 1: Silver Plated Copper Tape
- 4. Buffer Layer : Resinous Tape (*except WT400)
- 5. Outer Conductor 2 : Silver Plated Copper Tape
- 6. Jacket : FEP
- 7. Crush Protection Layer
- 8. Braiding
- 9. PTFE Stable Gum.
- 10. Braided Outer Jacket : Black with purple tracer

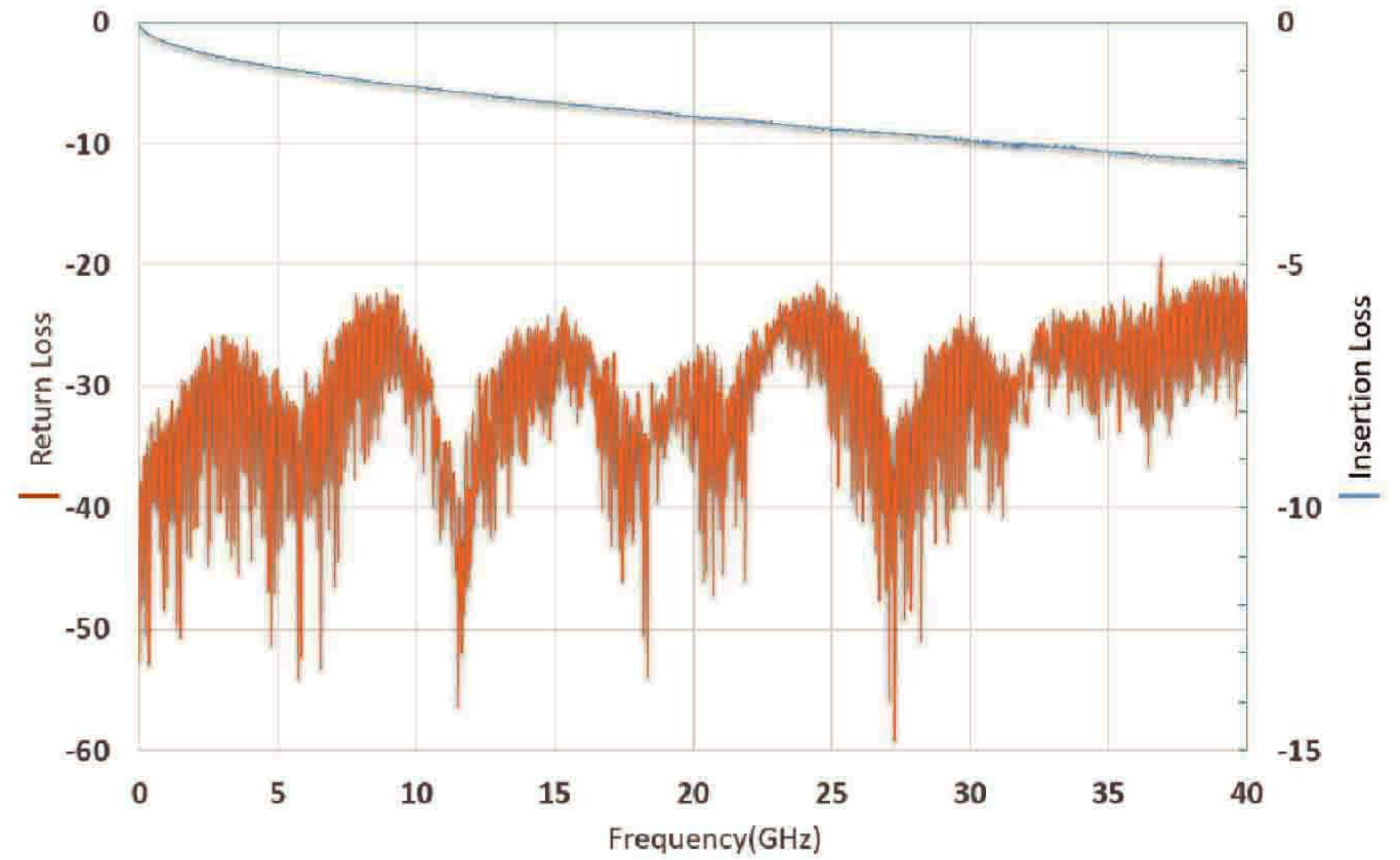
■ Specification

Scope	Specification	WT400	WT500	WT670
Electrical	Impedance(Ohm)		50	
	Operation Freq.(GHz)	40	50	67
	VSWR(Max)	1.2	1.2	1.30
	Amplitude stability (dB)		< ± 0.1	
	Phase stability (degree)	< +/- 5.4	< +/- 4.8	< +/- 6.3
	Attenuation (dB/M)	3.0 @ 40 GHz	5.0 @ 50 GHz	5.9 @ 67 GHz
	Velocity of propagation(%)	83		78
Physical	Bending radius(mm)		40	
	Connector	2.92 mm	2.4 mm	1.85 mm
	Cable Diameter(mm)		6.4	

■ **Test Result**

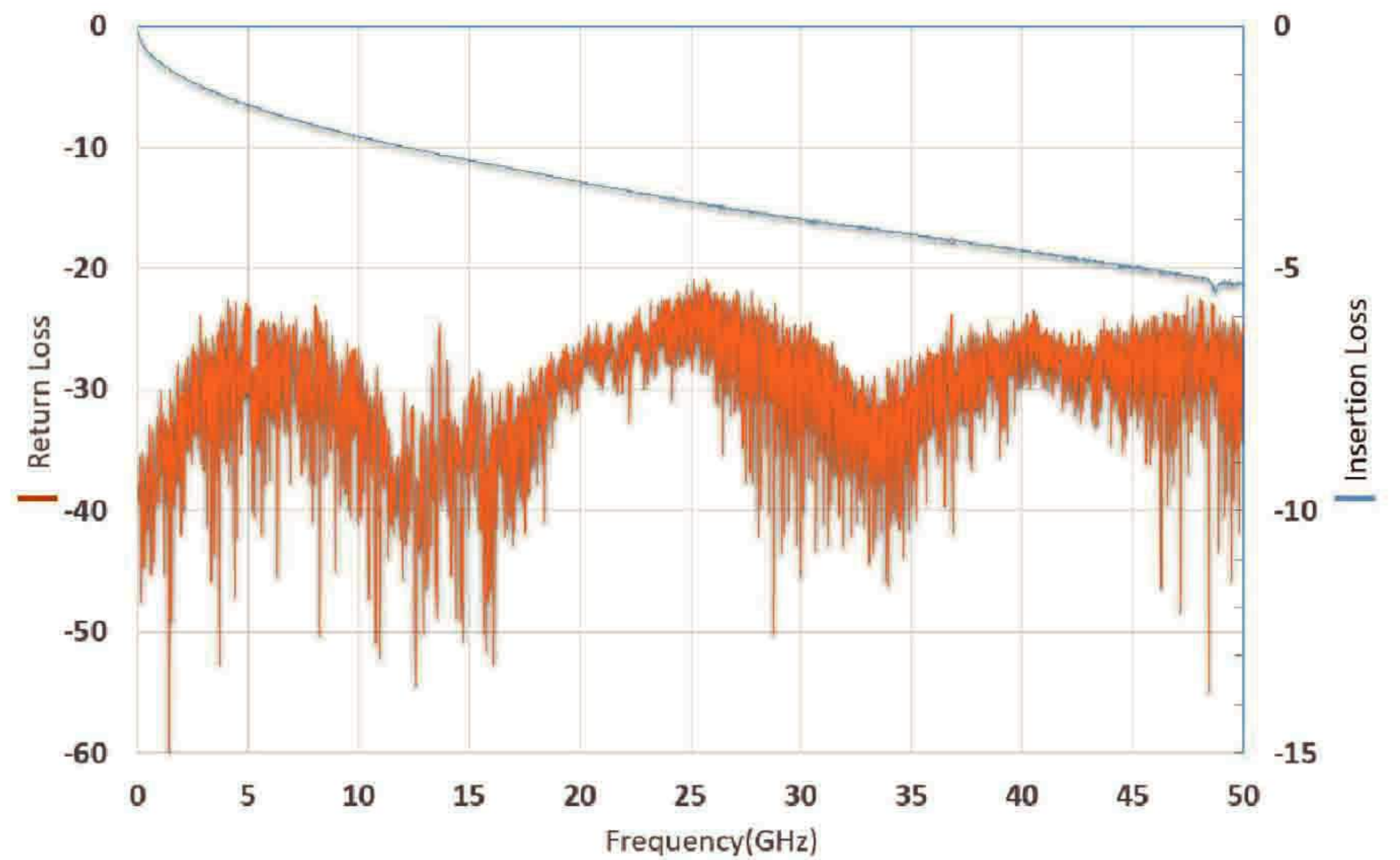
Part No. : WT400-KM1KM1-1M

- Frequency : DC to 40 GHz
- Connector : 2.92 mm (Male)
- Cable Length : 1 meter



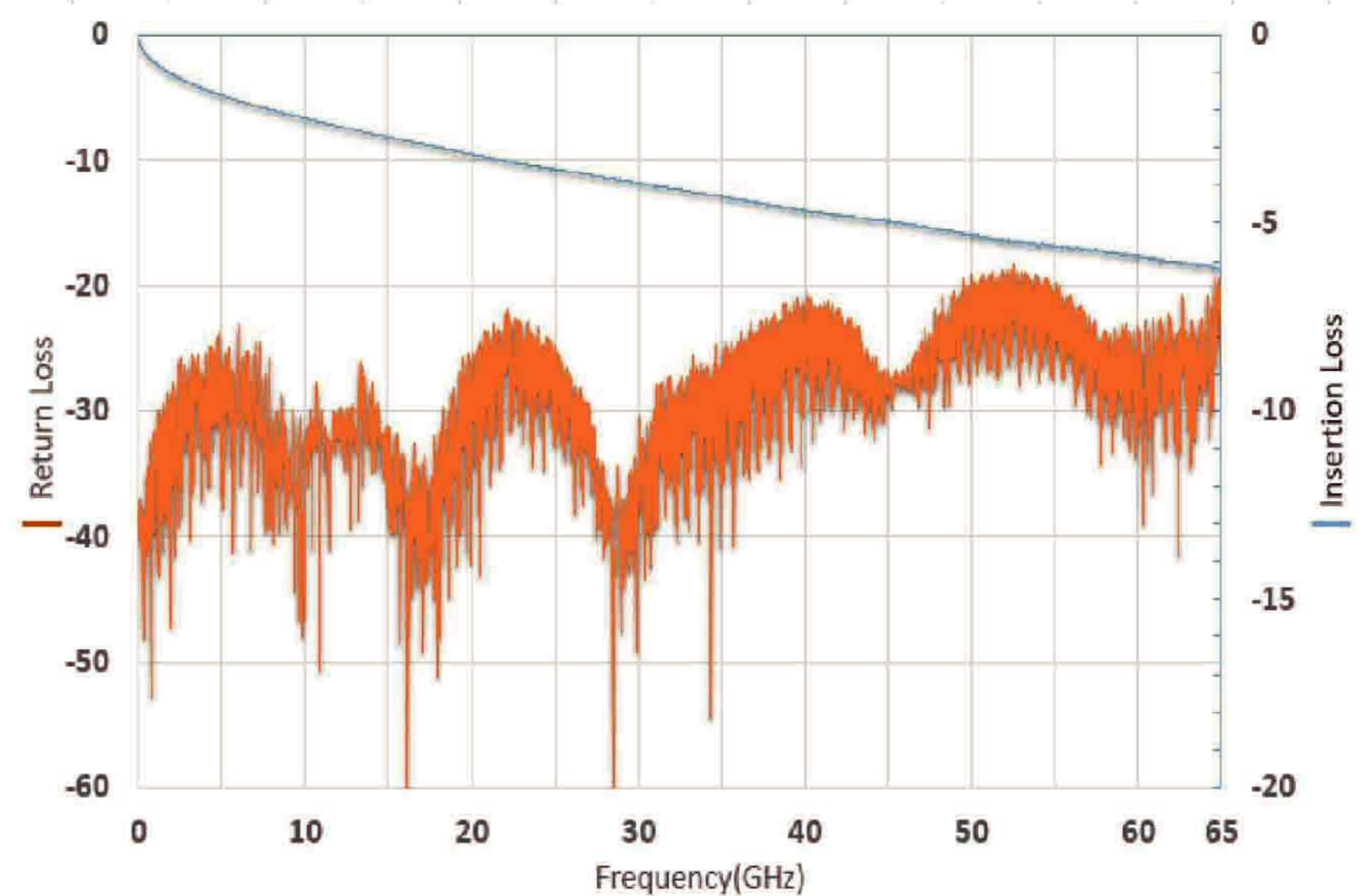
Part No. : WT500-2M12M1-1M

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



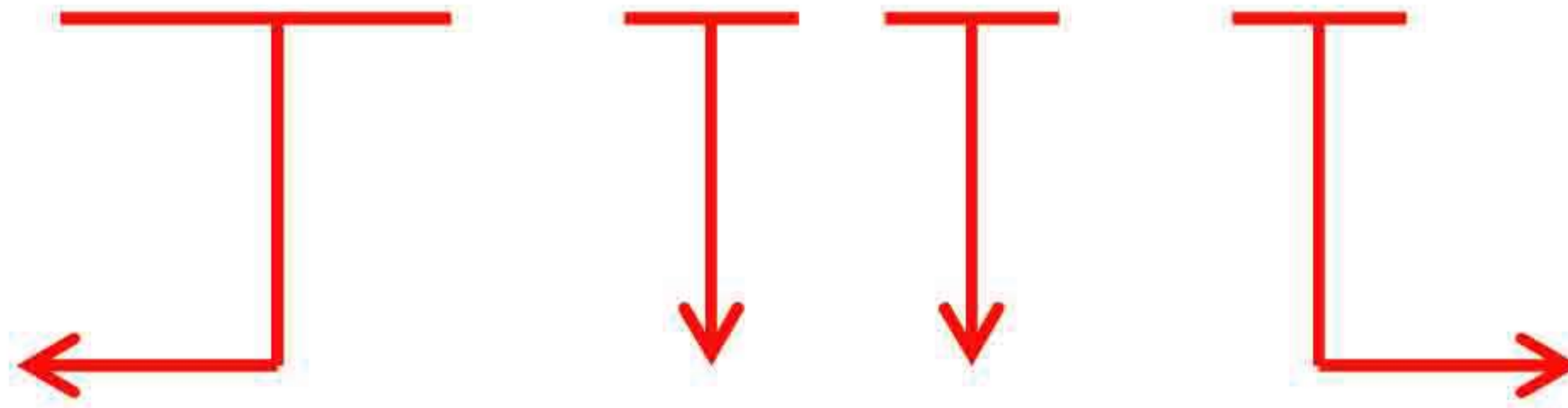
Part No. : WT670-VM1VM1-1M

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



■ **Selection Guide**

WT670 - VM1VM1 - 1M



Cable Type

WT400 (40 GHz)
WT500 (50 GHz)
WT670 (67 GHz)

Connector Type

KM1 : 2.92 mm(Male)
2M1 : 2.4 mm(Male)
VM1 : 1.85 mm(Male)

Cable Length

Unit : Meter

