

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

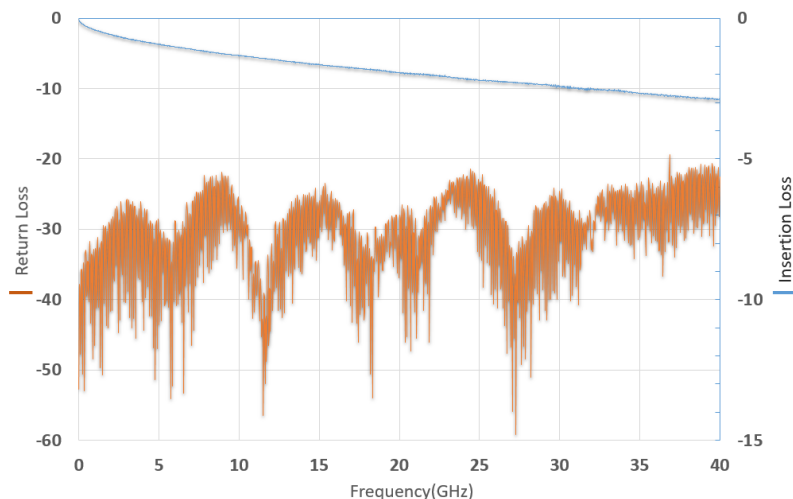
Scope	Specification	WT400	WT500	WT670
Electrical	Impedance(Ohm)		50	
	Operation Freq.(GHz)	40	50	67
	VSWR(Max)	1.3	1.3	1.4
	Amplitude stability (dB)		< ± 0.1	
	Phase stability (degree)	<+/- 5.4	<+/-4.8	<+/-6.3
	Attenuation (dB/M)	3.0 @ 40 GHz	5.0 @ 50 GHz	5.9 @ 67 GHz
	Velocity of propagation(%)	83		78
Physical	Bending radius(Min)		20 mm	
	Connector	2.92 mm	2.4 mm	1.85 mm
	Cable Diameter(mm)		6.4	
Environmental	Operating Temperature (degree)		- 40 to +85 °C *	

* Adhesive type shrinkable tube: - -40 ~+85 °C / Non-adhesive type shrinkable tube: - -40 ~ + 125 °C

■ Test Result

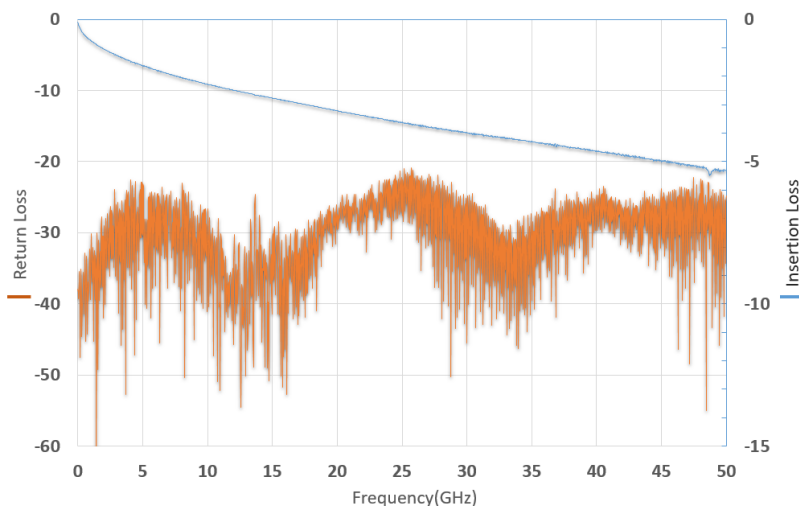
Part No. : WT400-KM1KM1-1M

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



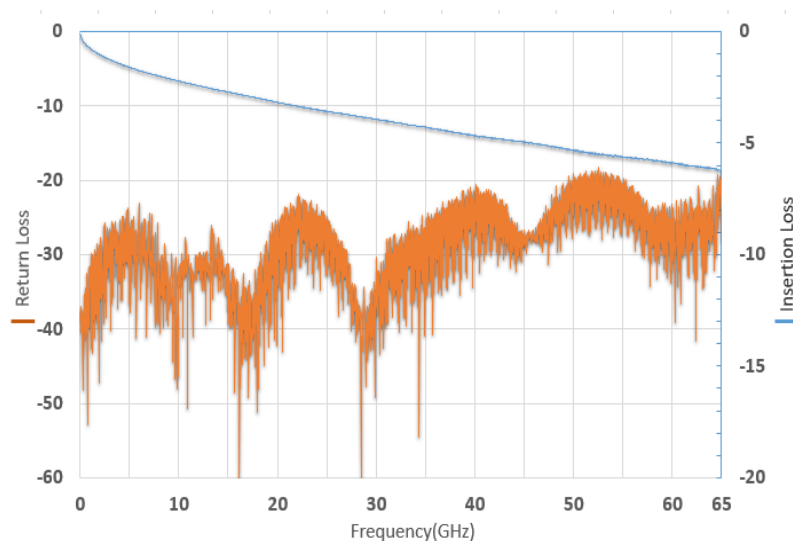
Part No. : WT500-2M12M1-1M

- 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 – T

Non-Adhesive
Shrinkable Tube

T: -40 ~ + 125 °C

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

