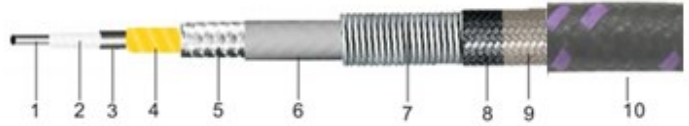


W-Test cable assemblies are complete line of high precision flexible microwave cable assemblies, specially for stable phase testing. These WT series are designed by excellent microwave interconnection technologies. The WT400,500 & 670 cable assemblies are claimed to have excellent insertion loss, high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

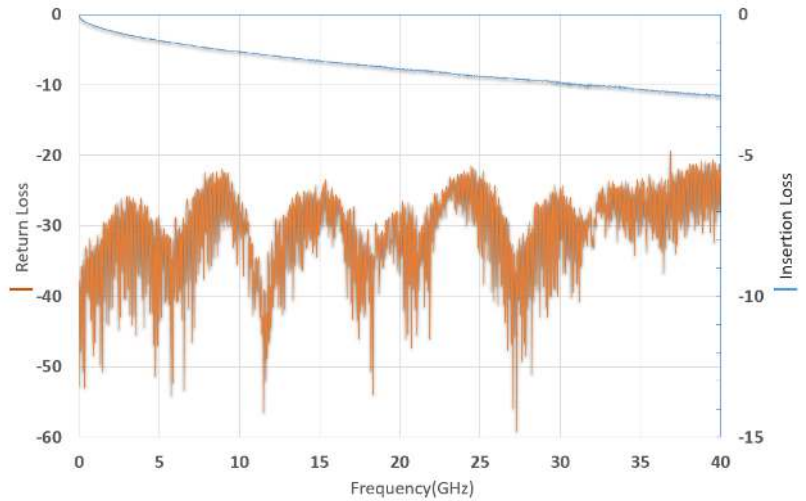
Scope	Specification	WT400	WT500	WT670
Electrical	Impedance(Ohm)		50	
	Operation Freq.(GHz)	40	50	67
	VSWR(Max)	1.3	1.3	1.4
	Amplitude stability (dB)		< ± 0.1	
	Phase stability (degree)	< +/- 5.4	< +/-4.8	< +/-6.3
	Attenuation (dB/M)	3.0 @ 40 GHz	5.0 @ 50 GHz	5.9 @ 67 GHz
Physical	Velocity of propagation(%)	83		78
	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**

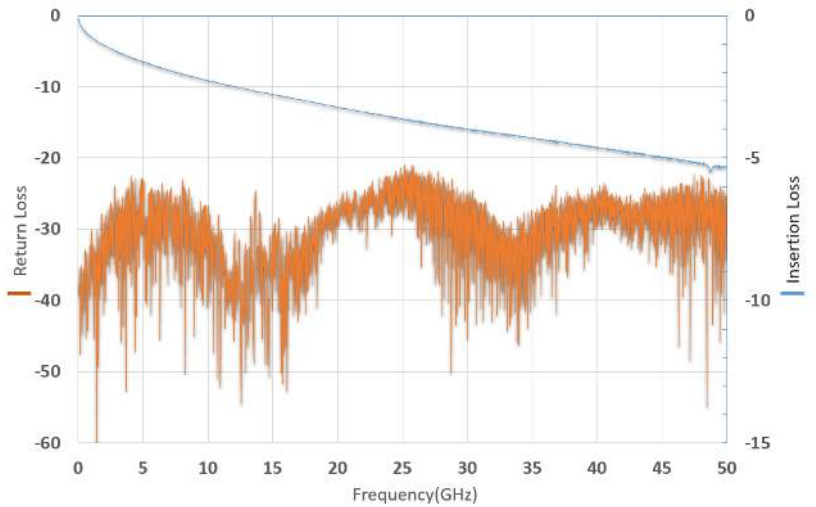
Part No. : WT400-KM1KM1-1M

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



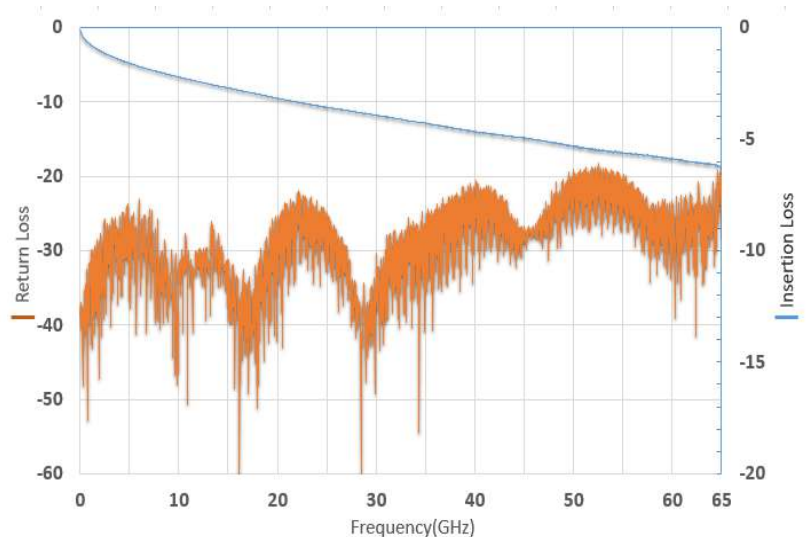
Part No. : WT500-2M12M1-1M

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

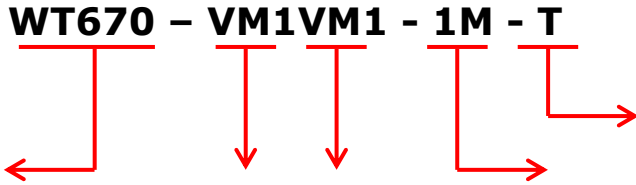


Part No. : WT670-VM1VM1-1M

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



■ Selection Guide



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

