

Microwave Farm's MFW3 Series are flexible test cable assembly and velocity propagation is **73 %** it has low insertion & Return loss performance up to **26.5 GHz**.

It also has **Good Phase and Amplitude stability** up to 26.5 GHz.

We have various connector types such as **SMA, N-type, 3.5 mm Types**.



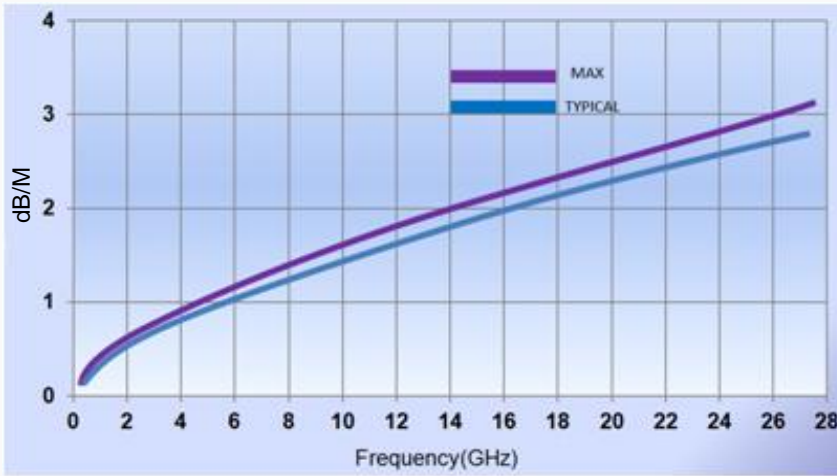
■ Features

- Phase & Loss Stable
- High Mating cycles
- Good phase and Amplitude stability

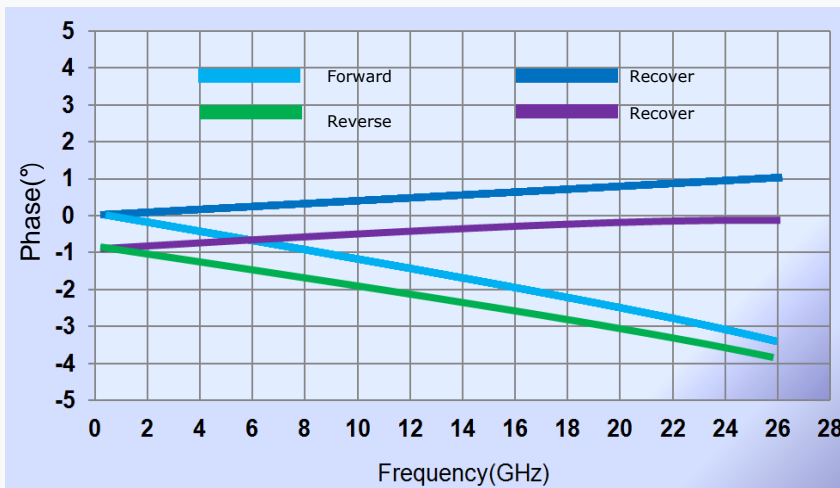
■ Specification

Scope	Specification	MFW300
Physical	Center Conductor	0.94
	Dielectric	2.97
	Inner Shield	3.17
	Inner layer	3.33
	Outer Shield	3.80
	Jacket	4.95
Electrical	Impedance (Ohm)	50
	Operation Freq.(GHz)	26.5 GHz
	Velocity of propagation (%)	73
	Amplitude Stability (dB)	± 0.15 (DC to 26.5GHz)
	Phase Stability	± 2.0° (DC~10 GHz) ± 3.0° (10~18 GHz)
	Shielding Effectiveness (dB)	<-110
Mechanical & Environmental	Weight (g/M)	64
	Mating Cycle	> 5,000
	Bending Radius	20
	Operation Temperature	-55~ +125℃

Cable Attenuation (Nominal Values @ +25 °C Ambient temperature)



Mechanical Phase Stability

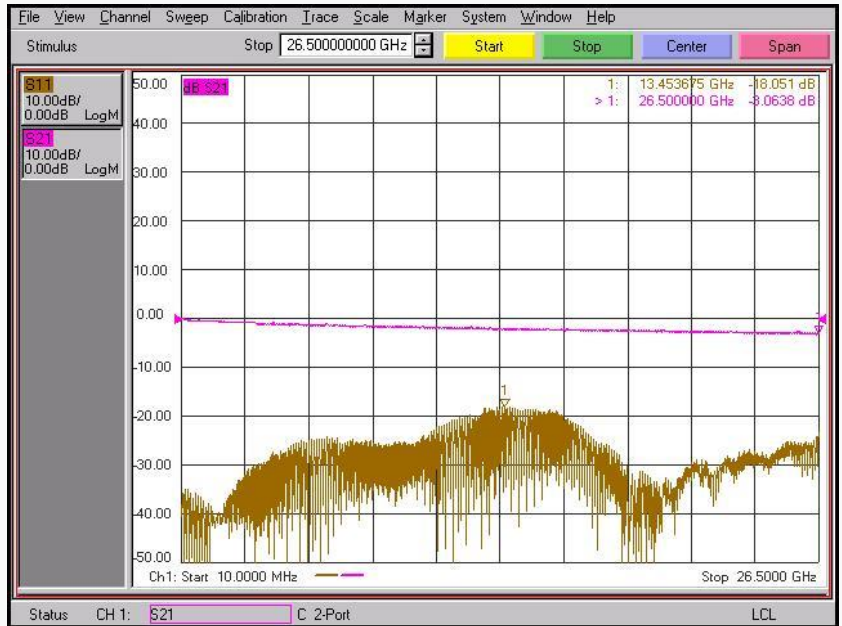


■ **Test Result**

MFW300 cable assembly

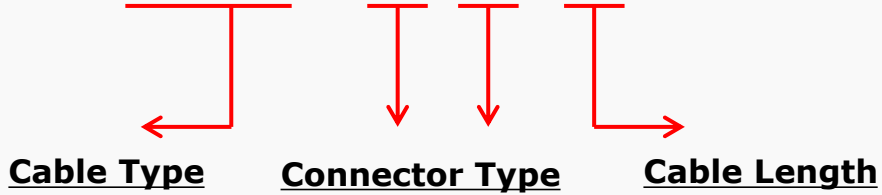
Part No. : MFW300-SM1SM1-1M

- Frequency :DC to 26.5 GHz
- Connector : SMA(Male)
- Cable Length : 1 meter



■ **Selection Guide**

MFW300 – SM1SM1 – 1M



Cable Type
MFW300

Connector Type
SM1 : SMA Male
SF1 : SMA Female
NM : N-Type Male
NF : N-Type Female
35M : 3.5 mm Male
35F : 3.5 mm Female

Cable Length
Unit : Meter

