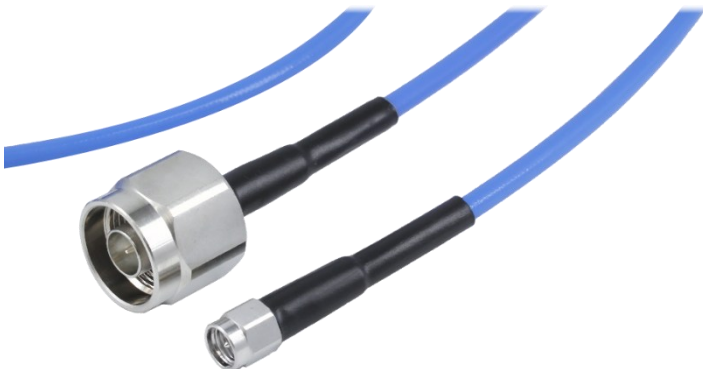


WithWave’s W402 Series are Low PIM flexible RF cable assemblies for commercial market. They have excellent **passive Intermodulation of -160 dBc** and achieve velocity propagation of 70 %. W402 Series have excellent RF performance up to 6 GHz according to various types of connectors such as SMA, N-type, respectively.

■ Features

- Passive Intermodulation (Max.) : -160 dBc
- Center Conductor : Silver plated Copper Wire
- Dielectric Core : PTFE
- Jacket : FEP
- Connector : Brass with Ternary Alloy plated



■ Specification

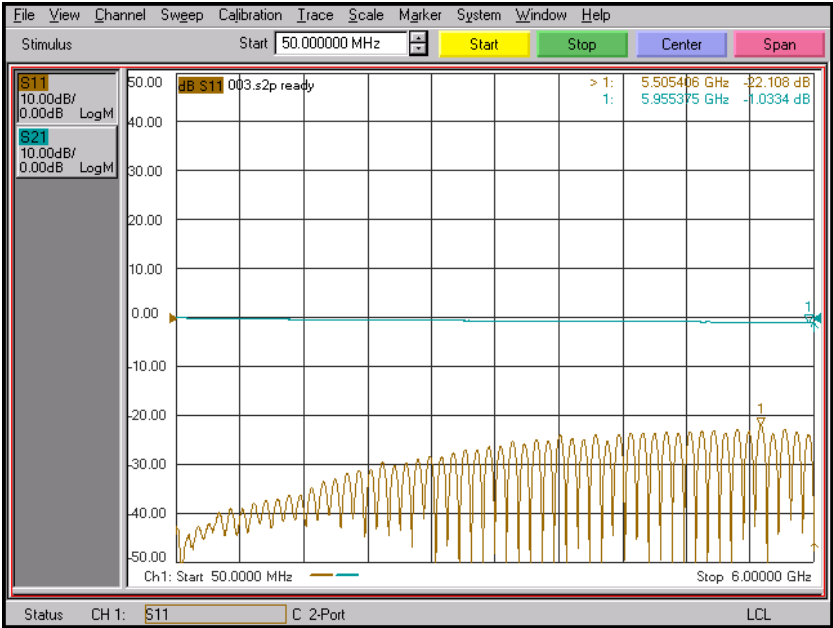
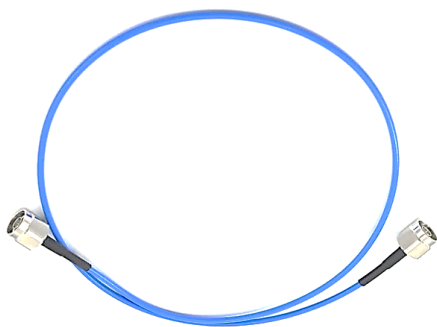
Scope	Specification	W402
Physical	Center Conductor	0.93
	Dielectric	3.00
	Outer Shield	3.52
	Jacket	4.10
Electrical	Impedance (Ohm)	50
	Operation Freq.(GHz)	6
	Velocity of propagation(%)	70
	Capacitance (pF/m)	95.1
	Shielding Effectiveness (dB)	100
	Attenuation(dB/m)	0.27 @ 0.5 GHz 0.39 @ 1.0 GHz 0.73 @ 3.0 GHz 1.10 @ 6.0 GHz
Mechanical & Environmental	Weight (g/M)	37
	Operation Temperature	-50~ +125℃

■ **Test Result**

W402 cable Assembly

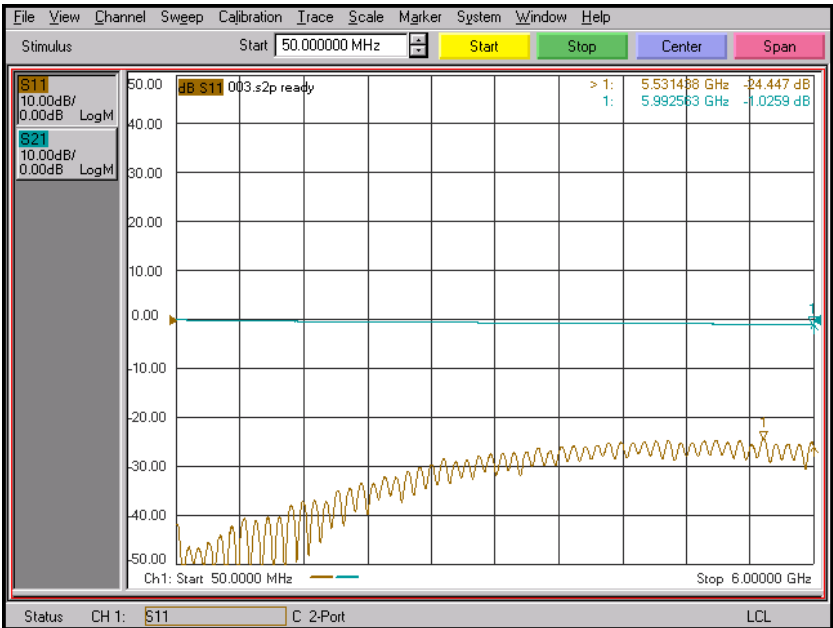
Part No: W402-NM1NM1-1M

- Frequency : DC to 6 GHz
- Connector : N-type (Male)
- Cable Length : 1 meter



Part No: W402-NM1SM1-1M

- Frequency : DC to 6 GHz
- Connector : N(Male),SMA(Male)
- Cable Length : 1 meter

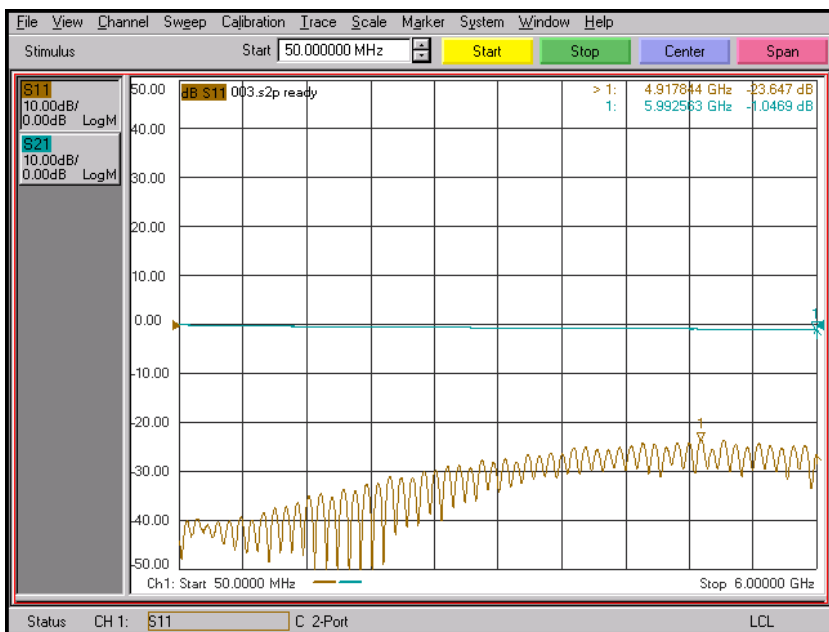
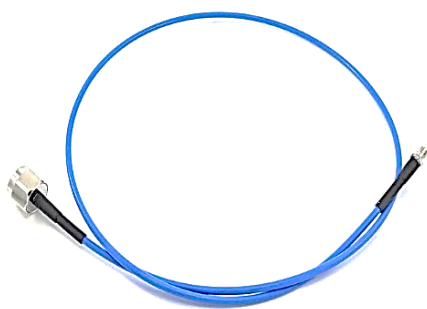


■ Test Result

W402 cable Assembly

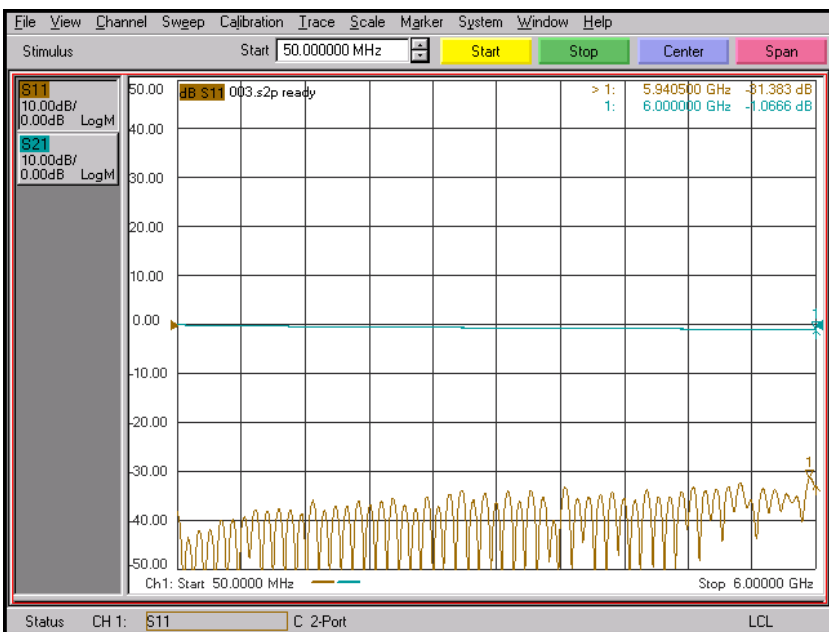
Part No: W402-NM1SF1-1M

- Frequency : DC to 6 GHz
- Connector : N(Male)
SMA(Female)
- Cable Length : 1 meter



Part No: W402-SM1SM1-1M

- Frequency : DC to 6 GHz
- Connector : SMA(Male)
- Cable Length : 1 meter

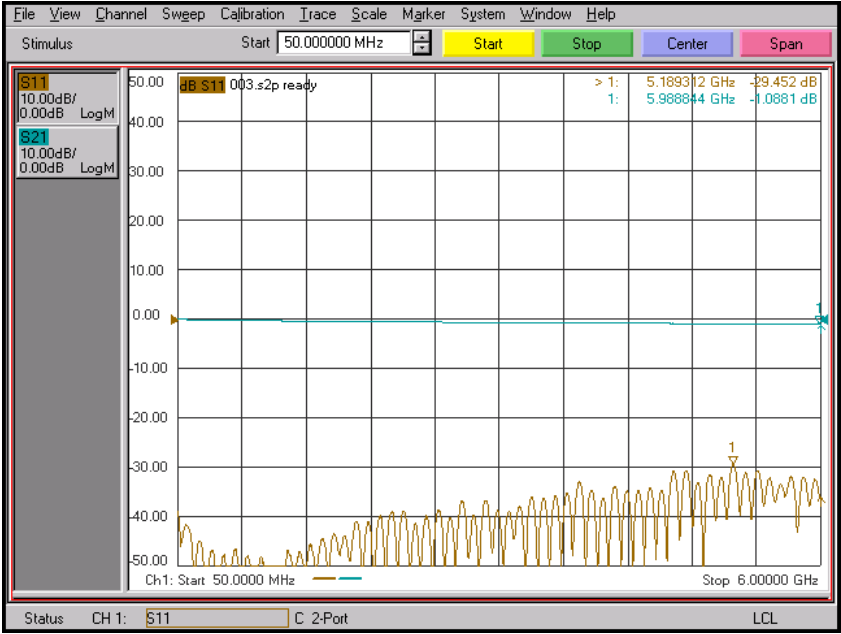


■ **Test Result**

W402 cable Assembly

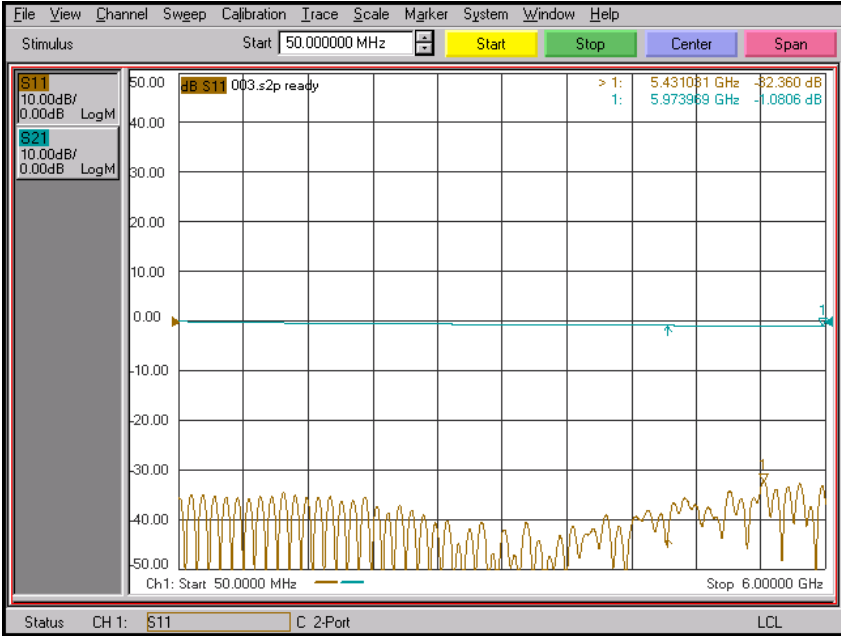
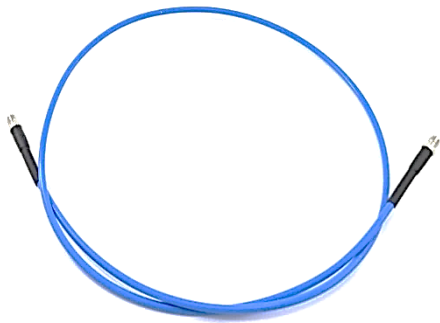
Part No: W402-SF1SF1-1M

- Frequency : DC to 6 GHz
- Connector : SMA(Female)
- Cable Length : 1 meter

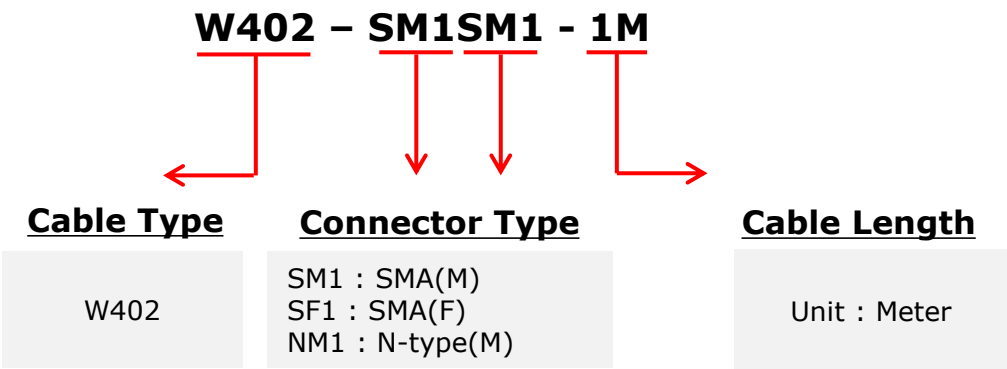


Part No: W402-SM1SF1-1M

- Frequency : DC to 6 GHz
- Connector : SMA(Male)
SMA(Female)
- Cable Length : 1 meter



■ Selection Guide



N-Type (Male)



SMA (Female)



SMA (Male)