

WithWave’s W403 Series are **High Power Low PIM** flexible RF cable assemblies (160 Watt) for commercial market. They have excellent **passive Intermodulation of -165 dBc** and achieve velocity propagation of 70 %. They have excellent RF performance up to 6 GHz according to various N-type Connectors.

■ Features

- Passive Intermodulation (Max.) : -165 dBc
- Average Power: 160 Watt
- Copper Tape
- Jacket: FEP



■ Specification

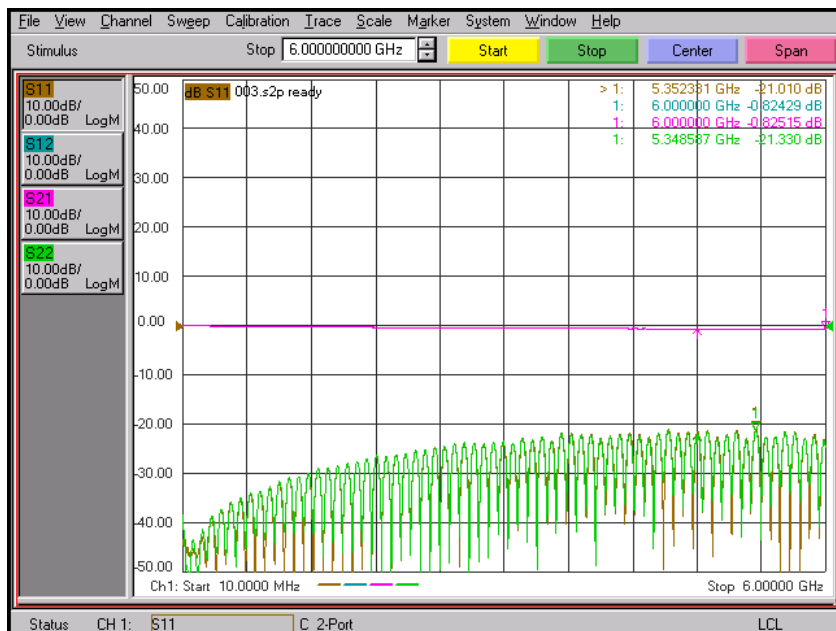
Scope	Specification	W403
Physical	Center Conductor	1.65
	Dielectric	5.25
	Outer Shield	6.30
	Jacket	6.85
Electrical	Impedance (Ohm)	50
	Operation Freq.(GHz)	6
	Velocity of propagation(%)	70
	Voltage Withstand (V,DC)	2,600
	Shielding Effectiveness (dB)	90
Mechanical & Environmental	Attenuation(dB/m)	0.17 @ 0.5 GHz 0.24 @ 1.0 GHz 0.45 @ 3.0 GHz 0.69 @ 6.0 GHz
	Weight (g/M)	140
	Operation Temperature	-50~ +125℃

Test Result

W403 cable Assembly

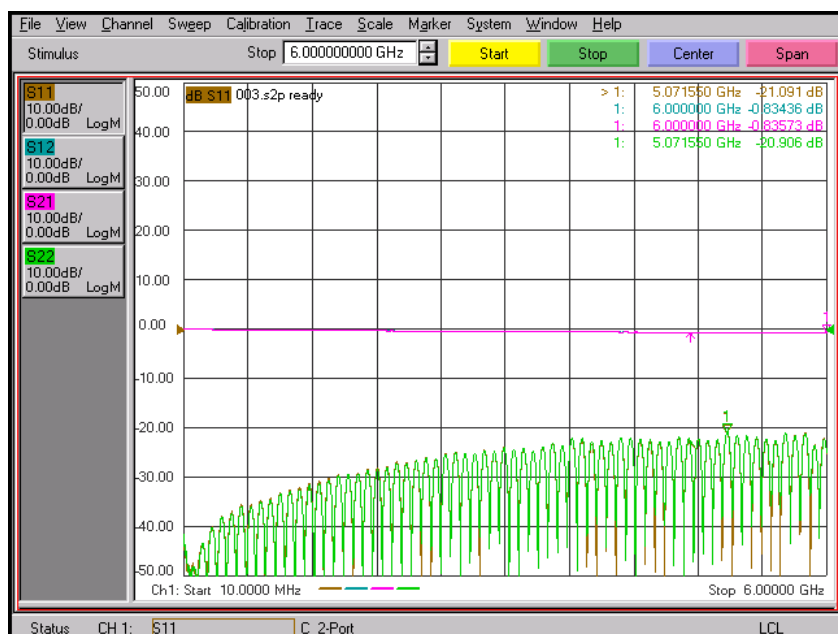
Part No: W403-NM1NM1-1.2M

- Frequency : DC to 6 GHz
- Connector : N-type (Male)
- Cable Length : 1.2meter



Part No: W403-NF1NF1-1.2M

- Frequency : DC to 6 GHz
- Connector : N-type (Female)
- Cable Length : 1.2 meter

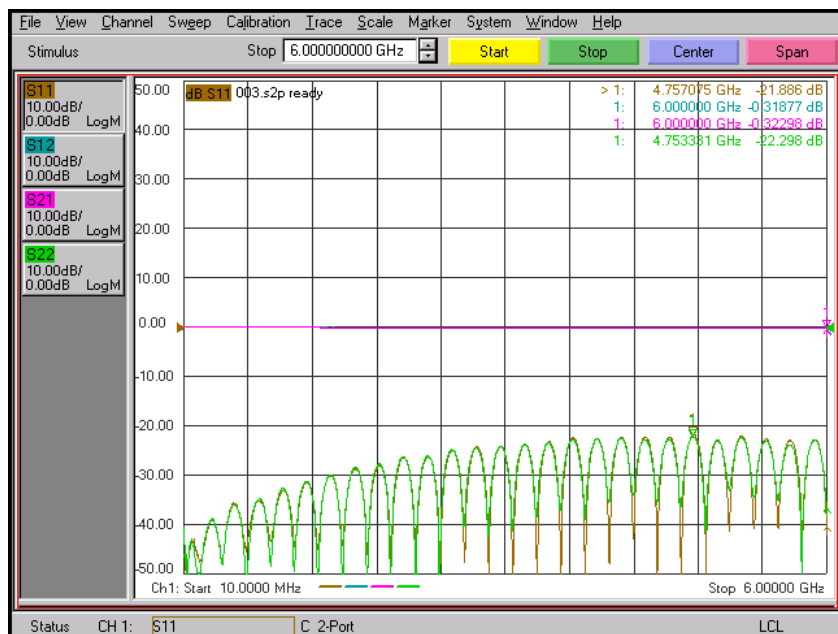


■ Test Result

W403 cable Assembly

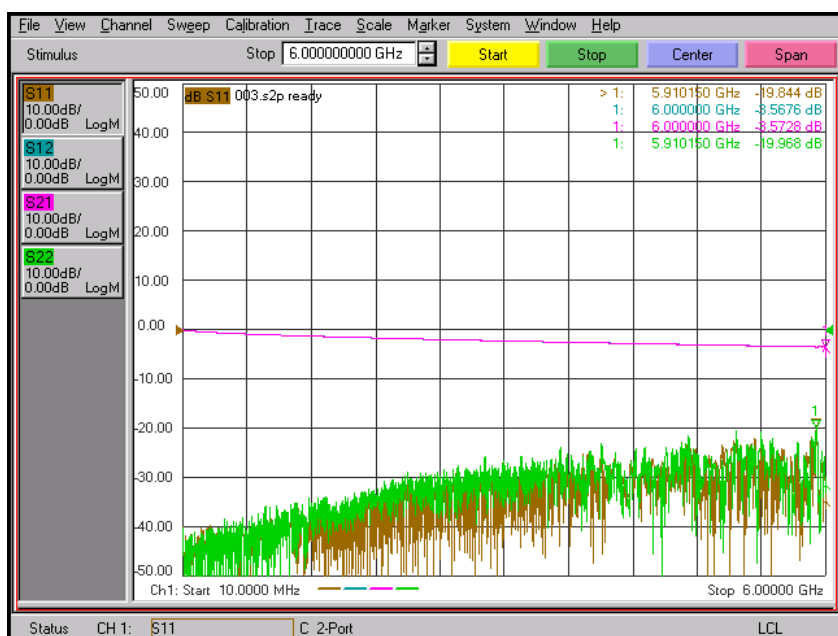
Part No: W403-NM1NM1-0.5M

- Frequency : DC to 6 GHz
- Connector : N-type (Male)
- Cable Length : 0.5meter



Part No: W403-NM1NF1-5M

- Frequency : DC to 6 GHz
- Connector : N-type (Male)
N-type (Female)
- Cable Length : 5 meter



■ Selection Guide

