

SMP & SMPM Cable Assemblies



Withwave offers **SMP/SMPM Cable Assemblies** with 0.047" cable diameter (Flexible, Semi-Rigid & Semi-Flexible) for various kinds of interconnection solutions such as High Speed Testing, Surface Mount Interconnection and Telecommunication applications.

- Freq: DC to 26.5, 40, 50 & 67 GHz
- Push-On and Snap-On for quick installation
- High Speed interconnection test
- Available with SMA, 2.92 mm, 2.4 mm & 1.85 mm connectors (Male, Female type)

Specification	
VSWR (SMP)	DC to 26.5 GHz.....1.43:1 Max
	to 40 GHz.....1.43:1 Max
VSWR(SMPM)	DC to 26.5 GHz.....1.4 :1 Max
	to 40 GHz.....1.5 :1 Max
	to 50 GHz.....1.5 :1 Max
	to 67 GHz.....1.5 :1 Max
Temperature	- 55 to +125 °C

## Cable Specification

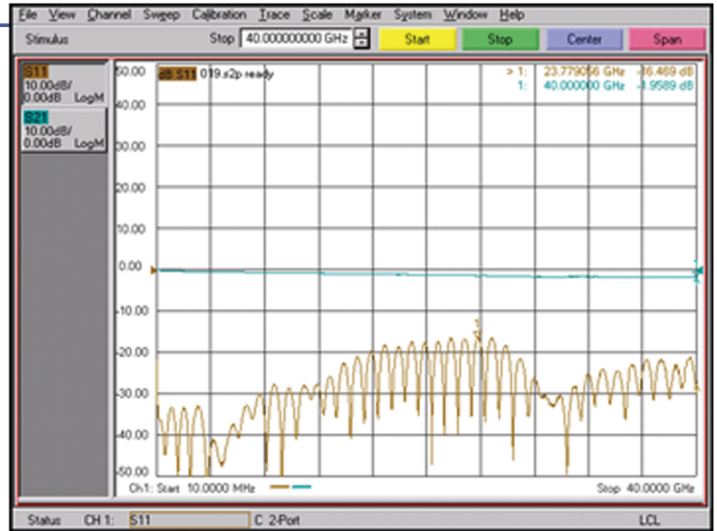


Scope	Specification	SR047	SF047	FX047
Physical	Center Conductor (mm)	0.29	0.29	0.29
	Dielectric (mm)	0.92	0.92	0.92
	Jacket (mm)	1.19	1.19	1.53
Electrical	Impedance (Ohm)	50		
	Operation Freq.(GHz)	40		
	Velocity of propagation( %)	69.5		70
	Shielding Effectiveness (dB)	100		90
Mechanical & Environmental	Weight (g/M)	5.7	5.7	7.2
	Operation Temperature	-40~ +125°C		-55~ +125°C

## SMP to SMP (DC to 40 GHz)

Part No: FX047-PF4PF4-100mm

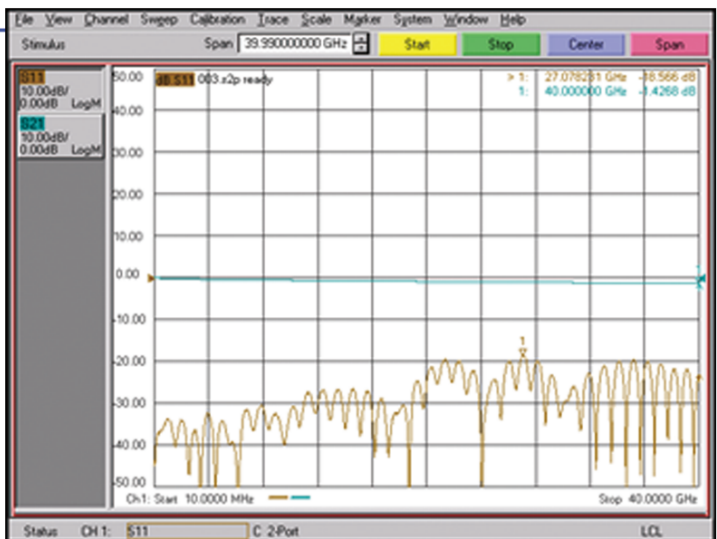
Frequency	DC to 40 GHz
Connector	SMP(Female)
	SMP(Female)
Cable Length	100 mm



## SMP to 2.4 mm (DC to 40 GHz)

Part No: FX047-PF42F1-100mm

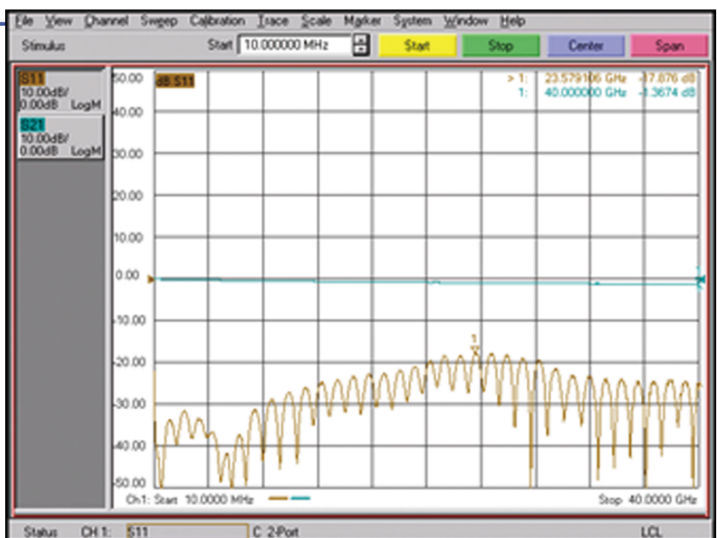
Frequency	DC to 40 GHz
Connector	SMP(Female)
	2.4 mm(Female)
Cable Length	100 mm



## SMP to 2.92 mm (DC to 40 GHz)

Part No: FX047-PF4KF1-100mm

Frequency	DC to 40 GHz
Connector	SMP(Female)
	2.92 mm(Female)
Cable Length	100 mm



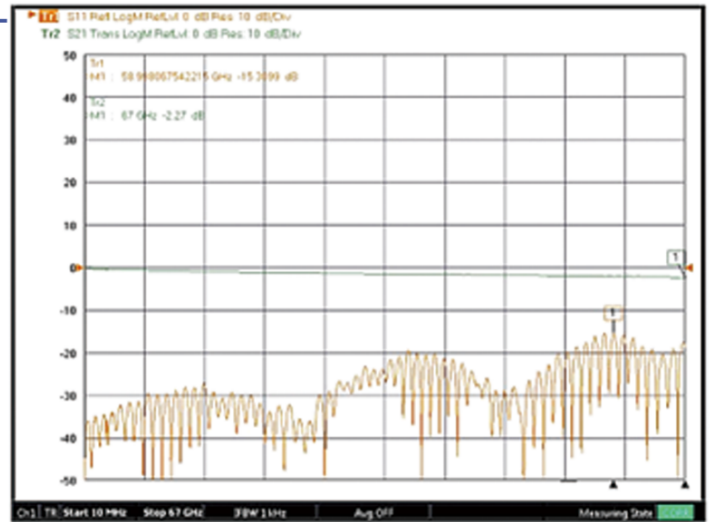
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SMP Cable Assemblies



## ● SMPM to SMPM (DC to 67 GHz)

Part No: FX047-PF2PF2-100mm

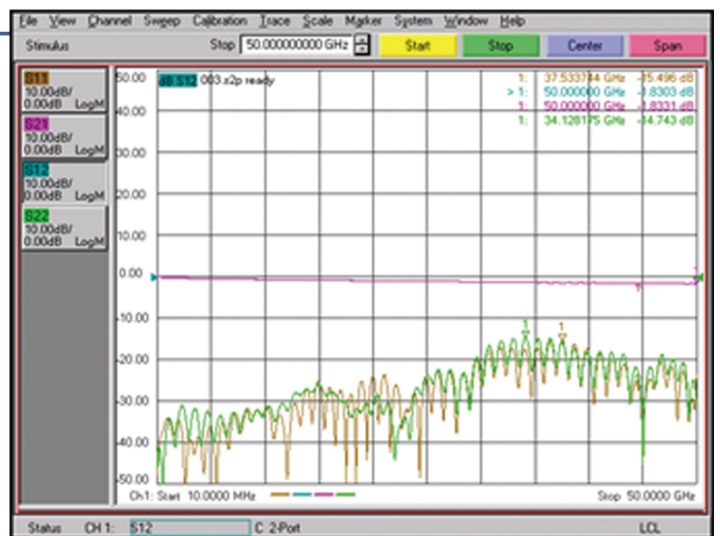
Frequency	DC to 67 GHz
Connector	SMPM(Female)
Cable Length	100 mm



## ● SMPM to 2.4 mm (DC to 50 GHz)

Part No: FX047-PF22F1-100mm

Frequency	DC to 50 GHz
Connector	SMPM(Female) 2.4 mm(Female)
Cable Length	100 mm



## ● SMPM to 2.92 mm (DC to 40 GHz)

Part No: FX047-PF1KF1-100mm

Frequency	DC to 40 GHz
Connector	SMPM(Female) 2.92 mm(Female)
Cable Length	100 mm

