

# SuperFlex Ø.047 Cable Assemblies

## Features & Benefits

- Fits all standard interfaces including: SMA, 2.92mm, 2.4mm, 1.85mm and SMPx
- Custom and standard cable assembly options available
- Inside Bend Radius of .0625"
- Low solder wicking for high flexibility behind the cable ferrule
- Extreme bends allow cables to fit in the smallest of spaces
- High flex-life ensures excellent performance after repeated usage
- Helically wrapped outer conductor ensures excellent RF shielding
- Low flex resistance transfers less force to blindmate interfaces and solder joints
- Coming soon to SV's Rapid Response Cable Builder



## Specifications

	SuperFlex Ø.047	Standard Ø.047
Jacket Diameter	.055"	.056"
Velocity of Propagation	70%	70%
Min Internal Bend Radius (Static)	.0625"	.100"
Weight (lbs / ft)	.0036	.0035
Center Conductor	Stranded	Solid
Temperature Rating	-40 to +90°C	-65 to +125°C
Shielding Effectiveness (dB, 0-18 GHz)	> 90 dB	> 90 dB
Jacket Color	Navy	Blue

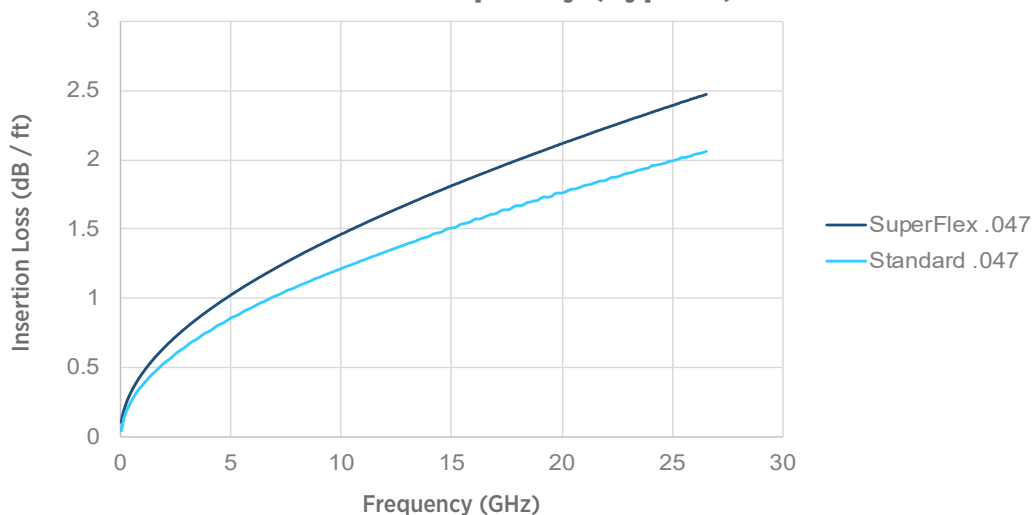
## Characteristics at a Glance

Property	SuperFlex Ø.047	Standard Ø.047
Flexibility	★★★	★★
Flex Life	★★★	★★
Attenuation	★	★★
Temp. Rating	★	★★

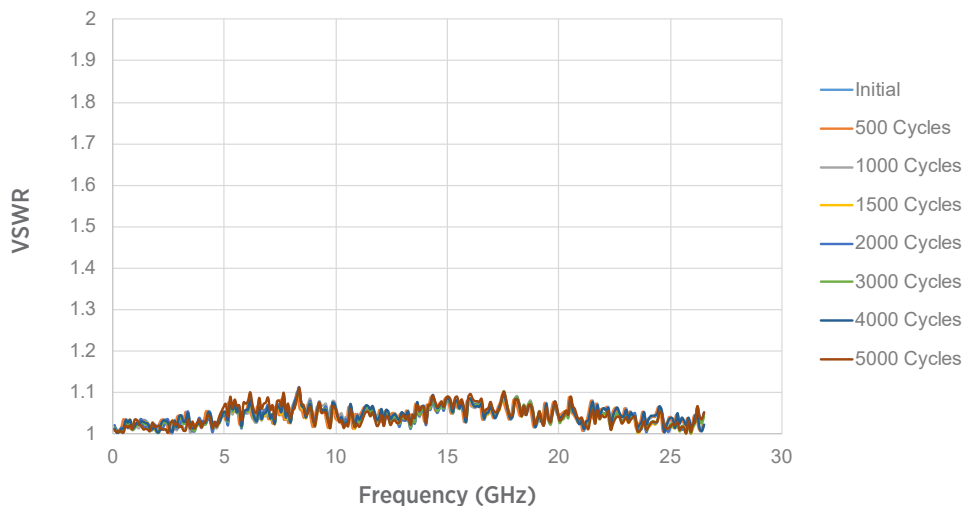
## Standard Cable Assembly Configurations

Part Number	Description
7032-7845	SMPM Female to SMPM Female 6" Cable Assembly for .047 SuperFlex Cable
7032-7846	SMPM Female to SMPM Female 12" Cable Assembly for .047 SuperFlex Cable
7032-7821	SMPM Female to SMA Male 6" Cable Assembly for .047 SuperFlex Cable
7032-7777	SMPM Female to SMA Male 12" Cable Assembly for .047 SuperFlex Cable
7029-3437	SMA Male to SMA Male 6" Cable Assembly for .047 SuperFlex Cable
7029-3436	SMA Male to SMA Male 12" Cable Assembly for .047 SuperFlex Cable

### Attenuation v. Frequency (Typical)



### Flex Life VSWR



### Flex Life Insertion Loss

