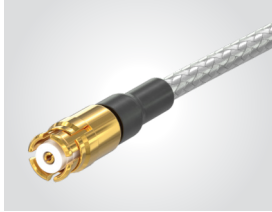


# SMP TO 40 GHz

## SMP Cable Assemblies

RF047-A, RF086, RF23C, RF25S, RF405



### VSWR

**RF047-A:** 1.50 max.  
**RF086:** 1.50 max.  
**RF23C:** 1.50 max.  
**RF25S:** Contact Samtec  
**RF405:** Contact Samtec

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RF047-A</b> = (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable	<b>-00SJ</b> = SMP Straight Jack (RF047-A, RF086 & RF23C only)		<b>-“XXXX”</b> = Overall Length in millimeters
<b>RF086</b> = (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable	<b>-00MJ</b> = SMP Right-angle Jack (RF047-A, RF086 & RF23C only)		-0100 (100 mm) 3.94" minimum
<b>RF23C</b> = MWC-2350CU-01 millimeter wave cable with copper foil shield	<b>-00BF</b> = SMP Bulkhead Jack, Full Detent (RF086 & RF23C only)		
<b>RF25S</b> = MWC-2550-01 microwave cable with 25 AWG solid FEP dielectric	<b>-00BL</b> = SMP Bulkhead Jack, Limited Detent (RF086 & RF23C only)		
<b>RF405</b> = RG 405 (.086") 24 AWG semi-flexible microwave cable	<b>-00BS</b> = SMP Bulkhead Jack, Smooth Bore (RF086 & RF23C only)		
	<b>-00BC</b> = SMP Bulkhead Jack, Catcher's Mitt (RF086 & RF23C only)		
	<b>-00SJ7</b> = SMP Straight Jack (RF25S & RF405 only)		
	<b>-00RJ7</b> = SMP Right-angle Jack (RF25S & RF405 only)		

### ALSO AVAILABLE

1.00 mm, 1.35 mm, 1.85 mm, 2.40 mm, 2.92 mm, SMPM, SMA = RF047-A

1.85 mm, 2.40 mm, 2.92 mm, SMPM, SMA = RF086

2.40 mm, 2.92 mm, SMPM, SMA = RF23C

SMA = RF25S

SMA = RF405

## SMP Cable Connectors

PRF00



CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF00-J-C-EE-047A-RD	Temp-Flex 1000671047
PRF00-J-C-EE-085A-SD	.086 Semi-Rigid
PRF00-PF-C-KK-047D-BD	.047 Semi-Rigid

For a complete list of SMP cable connectors, visit [www.samtec.com?PRF00](http://www.samtec.com?PRF00)

J-C = Cable Jack

EE = Plating (50 μ" Gold center contact & outer contact)

KK = Plating (100 μ" Gold over Nickel center contact, passivated outer contact)

BD = Bulkhead, Direct Solder

SD = Straight, Direct Solder

RD = Right-angle, Direct Solder

### INTERFACE STANDARD (FULL DETENT)

