

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
RF047-A = (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable	-00SJ = SMP Straight Jack (RF047-A, RF086 & RF23C only)		-"XXXX" = Overall Length in millimeters
RF086 = (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable	-00MJ = SMP Right-angle Jack (RF047-A, RF086 & RF23C only)		-0100 (100 mm) 3.94" minimum (RF047-A, RF086, RF23C)
RF23C = MWC-2350CU-01 millimeter wave cable with copper foil shield	-00BF = SMP Bulkhead Jack, Full Detent (RF086 & RF23C only)		-0152 (152 mm) 5.984" minimum (RF23C)
RF25S = MWC-2550-01 microwave cable with 25 AWG solid FEP dielectric	-00BL = SMP Bulkhead Jack, Limited Detent (RF086 & RF23C only)		
RF405 = RG 405 (.086") 24 AWG semi-flexible microwave cable	-00BS = SMP Bulkhead Jack, Smooth Bore (RF086 & RF23C only)		
	-00BC = SMP Bulkhead Jack, Catcher's Mitt (RF086 & RF23C only)		
	-00SJ7 = SMP Straight Jack (RF25S & RF405 only)		
	-00RJ7 = 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

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)

