

SMMP TO 65 GHz

SMMP Cable Assemblies

RF047-A, RF086, RF23C



VSWR

RF047-A: 1.40 max.
RF086: 1.40 max.
RF23C: 1.20 max. (DC to 26.5 GHz)
 1.40 max. (26.5 GHz to 50 GHz)

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF047-A = (1.2 mm) .047" overshield DIA 29 AWG millimeter cable RF086 = (2.18 mm) .086" overshield DIA 23 AWG millimeter cable RF23C = MWC-2350CU-01 millimeter wave cable with copper foil shield	-MOSP = SMMP Straight Plug, Full Detent -MOSJ = SMMP Straight Jack -MORJ = SMMP Right-angle Jack (RF047-A only) -MOBJ = SMMP Straight Bulkhead Jack (RF047-A only)	-"XXXX" = Overall Length in millimeters -0100 (100 mm) 3.94" minimum (RF047-A, RF086) -0152 (152 mm) 5.984" minimum (RF23C)	

ALSO AVAILABLE

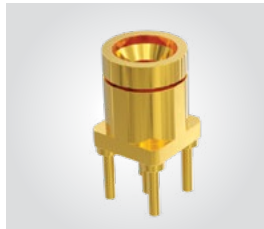
1.00 mm, 1.35 mm, 1.85 mm, 2.40 mm,
 2.92 mm, SMP, SMA = RF047-A
 1.85 mm, 2.40 mm, 2.92 mm, SMP, SMA = RF086
 2.40 mm, 2.92 mm, SMP, SMA = RF23C

SMMP Board Connectors

SMPM-SM, SMPM-TH, SMPM-RA, SMPM-MT, SMPM-EM

Cable Mates:

RF047-A, RF086, RF23C



SMPM	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	1
	-PF = Full Detent -PS = Smooth Bore -PC = Catcher's Mitt (-ST-TH, -ST-MT & -ST-SM only)	-P = PCB Mount	-HG = 30 μ" (0.76 μm) Gold center contact, 10 μ" (0.25 μm) Gold outer contact (-ST only) -HF = 30 μ" (0.76 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact (-RA only) -EG = 50 μ" (1.27 μm) Gold center contact and outer body (-MT & -SM only)	-ST = Straight -RA = Right-angle (-TH required)	-EM = Drop-in Edge Mount (-ST only) -TH = Through-hole -SM = Surface Mount (-ST only) -MT = Mixed Technology (-ST only)	
	 -ST-TH-1	 -RA-TH-1	 -ST-SM-1	 -ST-EM-1		

SMMP Cable Connectors

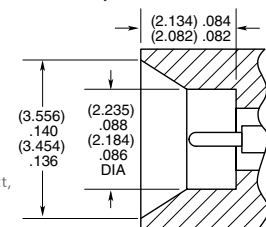
PRFM0



CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRFM0-J-C-EE-085-BD	Harbour SS405
PRFM0-J-C-EE-047A-BD	Temp-Flex 1000671047
PRFM0-J-C-HG-047A-SD	Temp-Flex 1000671047
PRFM0-J-C-EE-047A-RD	Temp-Flex 1000671047
PRFM0-P-C-HG-047A-SD	Temp-Flex 1000671047
PRFM0-J-C-EE-047B-SD	Temp-Flex 1001935047
PRFM0-J-C-EE-086-SD	Temp-Flex 1001935086
PRFM0-P-C-EE-086-SD	Temp-Flex 1001935086

For a complete list of SMMP cable connectors, visit www.samtec.com?PRFM0

INTERFACE STANDARD (CATCHER'S MITT)



P-C = Cable Plug
 J-C = Cable Jack
 EE = Plating
 (50 μ" Gold center contact,
 & outer contact)
 HG = Plating
 (30 μ" Gold center contact,
 10 μ" Gold outer contact)
 SD = Straight, Direct Solder
 BD = Bulkhead, Direct Solder
 RD = Right-angle, Direct Solder