

SMPM TO 65 GHz

SMPM 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

- 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

END 1 CONNECTOR

- MOSP**
 = SMPM Straight Plug, Full Detent
- MOSJ**
 = SMPM Straight Jack
- MORJ**
 = SMPM Right-angle Jack
 (RF047-A only)
- MOBJ**
 = SMPM Straight Bulkhead Jack
 (RF047-A only)
- MTSJ**
 = SMPM Threaded Straight Jack
 (RF047-A & RF086 only)

END 2 CONNECTOR

OVERALL LENGTH

-"XXXX"
 = Overall Length
 in millimeters

-0100 (100 mm)
 3.94" minimum

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

SMPM 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 SMPM cable connectors, visit www.samtec.com?PRFM0

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

INTERFACE STANDARD (CATCHER'S MITT)

