

2.40 mm TO 50 GHz

2.40 mm Cable Assemblies

RF047-A, RF085,
RF086, RF23C



VSWR

RF047-A: 1.35 max.
RF086: 1.40 max.
RF085: 1.40 max.
RF23C: 1.40 max.

SERIES

RF047-A

= (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable

RF086

= (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable

RF085

= (2.16 mm) .085" overshield DIA 24 AWG millimeter wave cable

RF23C

= MWC-2350CU-01 millimeter wave cable with copper foil shield

END 1 CONNECTOR

-24SJ

= 2.40 mm Straight Jack

-24SP

= 2.40 mm Straight Plug

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,
2.92 mm, SMPM, SMP, SMP3, SMA = RF047-A

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

2.92 mm = RF085

2.92 mm, SMPM, SMP, SMA = RF23C

NITROWAVE® CABLES

• LL043

2.40 mm Board Connectors

240

Cable Mates:

RF047-A, RF086,
RF085, RF23C, LL043



240 - GENDER - TYPE - PLATING - ORIENTATION - TERMINATION - OPTION - PACKAGING

-J
= Jack

-P
= PCB Mount

-EP
= 50 μ" (1.27 μm)
Gold center contact,
Passivated outer contact

-ST
= Straight

-CM
= Compression Mount Stripline

-CMM
= Compression Mount Microstrip

-EL
= Edge Launch

-ELW
= Edge Launch Wide

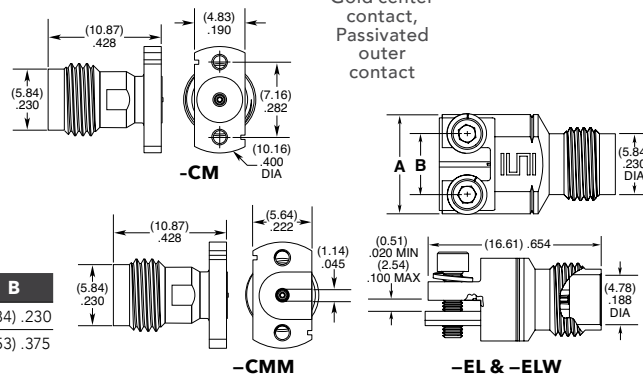
-1
= Without Screws
(-CM & -CMM only)

-2
= With Screws
(-CM & -CMM only)

-01
= .040" to .100" PCB thickness
(-EL & -ELW only)

Leave blank for individually bagged

-B
= Bulk packaged



TERMINATION	A	B
-EL	(9.52) .375	(5.84) .230
-ELW	(12.70) .500	(9.53) .375

2.40 mm Cable Connectors

PRF24



CONNECTORS FOR INDUSTRY STANDARD CABLES

PRF24-J-C-EP-085-SS	Harbour SS405
PRF24-J-C-EP-405-BS	RG 405
PRF24-P-C-EE-085-SD	Harbour SS405
PRF24-P-C-EP-120A-SS	Semflex HP120
PRF24-J-C-EP-160-SS	Semflex HP160
PRF24-P-C-EP-160-SS	Semflex HP160
PRF24-J-C-EP-140B-SS	IW 1401
PRF24-P-C-EP-140B-SS	IW 1401
PRF24-J-C-EP-150B-SS	IW 1501
PRF24-J-C-EP-150-SS	Dynawave DF150
PRF24-J-C-EP-086-SS	Temp-Flex 1001935086
PRF24-P-C-EP-086-SS	Temp-Flex 1001935086

For a complete list of 2.40 mm cable connectors, visit www.samtec.com?PRF24

P-C = Cable Plug

J-C = Cable Jack

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

EP = Plating (50 μ" gold center contact, passivated outer contact)

SS = Straight, Solder Clamp

SD = Straight, Direct Solder

BS = Bulkhead, Solder Clamp

INTERFACE STANDARD

