

2.40 mm TO 50 GHz

2.40 mm Cable Assemblies

RF047-A, RF085, RF086, RF23C, RF120



VSWR

RF047-A: 1.35 max.
RF086: 1.40 max.
RF085: 1.40 max.
RF23C: 1.40 max.
RF120: 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

RF120

= MWC-19550-FCU-01 19 AWG millimeter wave cable

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 (RF047-A, RF085, RF086, RF120)

-0152 (0152 mm) 5.984" minimum (RF23C)

ALSO AVAILABLE

1.35 mm, 1.85 mm, 2.92 mm, SMPM = RF047-A

1.85 mm, 2.92 mm, SMPM = RF086

2.92 mm = RF085

2.92 mm, SMPM = RF23C

2.92 mm = RF120

2.40 mm Cable Connectors

PRF24



CONNECTORS FOR INDUSTRY STANDARD CABLES

PRF24-J-C-EP-085-SS	Harbour SS405, flexible alternative to RG 405
PRF24-J-C-EP-405-BS	RG 405, .085, semi-rigid
PRF24-P-C-EE-085-SD	Harbour SS405, flexible alternative to RG 405
PRF24-P-C-EP-120A-SS	Semflex HP120, low loss flexible
PRF24-J-C-EP-160-SS	Semflex HP160, low loss flexible
PRF24-P-C-EP-160-SS	Semflex HP160, low loss flexible
PRF24-J-C-EP-140B-SS	IW 1401, low loss flexible
PRF24-P-C-EP-140B-SS	IW 1401, low loss flexible
PRF24-J-C-EP-150B-SS	IW 1501, low loss flexible
PRF24-J-C-EP-150-SS	Dynawave DF150, low loss flexible
PRR24-J-C-EP-086-SS	.086 Temp-flex, low loss flexible
PRF24-P-C-EP-086-SS	.086 Temp-flex, low loss flexible

P-C = Cable Plug

J-C = Cable Jack

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

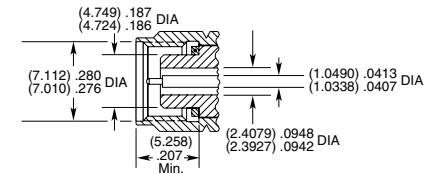
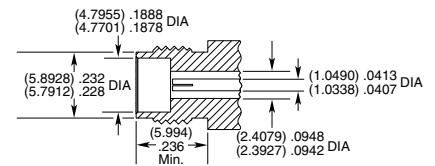
EP = Plating (50 μ" gold center contact, passivated outer contact)

SS = Straight, Solder Clamp

SD = Straight, Direct Solder

BS = Bulkhead, Solder Clamp

INTERFACE STANDARD



2.40 mm Board Connectors

240

Cable Mates:

RF047-A, RF086, RF085, RF23C, RF120



240

GENDER

-J
= Jack

TYPE

-P
= PCB Mount

PLATING

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

ORIENTATION

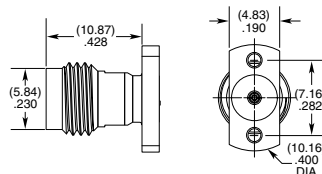
-ST
= Straight

TERMINATION

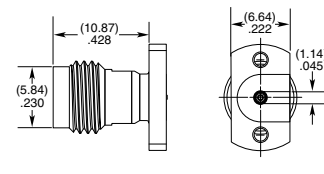
-CM
= Compression Mount Stripline
-CMM
= Compression Mount Microstrip

OPTION

-1
= without Screws
-2
= With Screws



-CM SHOWN



-CMM SHOWN