

2.92 mm TO 40 GHz

2.92 mm Cable Assemblies

RF047-A, RF086,
RF085, 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

-92SJ

= 2.92 mm Straight Jack

-92SP

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

1.85 mm, 2.40 mm, SMPM, SMP, SMA = RF086

2.40 mm = RF085

2.40 mm, SMPM, SMP, SMA = RF23C

2.92 mm Board Connectors

292

Cable Mates:
RF047-A, RF085,
RF086, RF23C



292

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

–EL
= Edge Launch

OPTION

–1
= Without
Screws
(–CM
& –CMM
only)

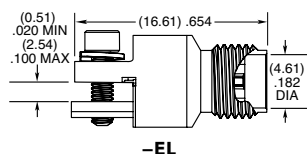
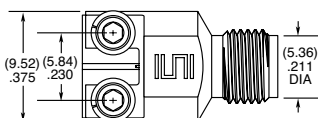
–2
= With
Screws
(–CM
& –CMM
only)

–01
= .040" to
.100" PCB
thickness
(–EL only)

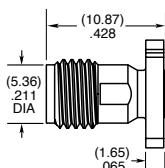
PACKAGING

Leave blank for
individually
bagged.

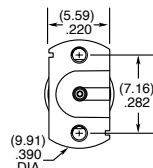
–B
= Bulk
packaged



–EL



–CMM



2.92 mm Cable Connectors

PRF92

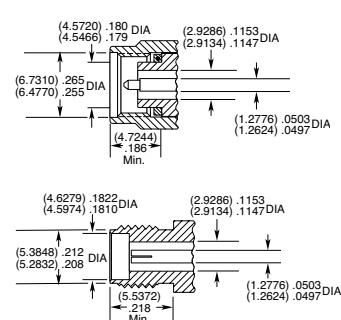


CONNECTORS FOR INDUSTRY STANDARD CABLES

PRF92-P-C-EE-405-SD	RG 405 Semi-Rigid
PRF92-P-C-EE-085A-SD	.085 Semi-Rigid
PRF92-P-C-EP-160-SS	Semflex HP160
PRF92-P-C-EP-150B-SS	IW 1501
PRF92-P-C-EP-142-SS	Harbour LL142
PRF92-J-C-EP-085-SS	Harbour SS405
PRF92-J-C-EP-085-BS	Harbour SS405
PRF92-P-C-EP-085-SS	Harbour SS405
PRF92-P-C-EE-402-SD	RG 402
PRF92-P-C-EP-190-SS	Semflex HP190
PRF92-J-C-EP-160-SS	Semflex HP160
PRF92-P-C-EP-120A-SS	Semflex HP120
PRF92-P-C-EP-140-SS	Dynawave DF140
PRF92-P-C-EP-047D-SS	.047 Semi-Rigid
PRF92-J-C-EP-047D-SS	.047 Semi-Rigid
PRF92-P-C-EP-150-SS	Dynawave DF150
PRF92-P-C-EE-118-SD	Haverhill HC35004
PRF92-J-C-EP-402-SS	RG 402
PRF92-J-C-EP-047D-4S	.047 Semi-Rigid
PRF92-P-C-EP-086-SS	Temp-Flex 1001935086
PRF92-P-C-EP-200-SS	Times Max Gain 200

For a complete list of 2.92 mm cable connectors, visit www.samtec.com?PRF92

INTERFACE STANDARD



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

4S = 4-hole flange, Solder Clamp

Mouser Electronics

Authorized Distributor

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[PRF92-P-C-EE-402-SD](#) [PRF92-P-C-EP-047D-SS](#) [PRF92-P-C-EE-405-SD](#) [PRF92-J-C-EP-047D-SS](#) [PRF92-J-C-EP-085-BS](#) [PRF92-P-C-EP-085-SS](#) [PRF92-J-C-EP-085-SS](#) [PRF92-J-C-EP-402-SS](#) [PRF92-J-C-EP-405-4S](#) [PRF92-P-C-EE-085A-SD](#) [PRF92-P-C-EP-190-SS](#) [PRF92-J-C-EP-160-SS](#) [PRF92-P-C-EP-150B-SS](#) [PRF92-P-C-EE-405-SD-1](#) [PRF92-P-C-EP-142-SS](#) [PRF92-P-C-EP-120A-SS](#) [PRF92-P-C-EP-140-SS](#) [PRF92-P-C-EE-118-SD](#) [PRF92-P-C-EP-160-SS](#) [PRF92-J-C-EP-047D-4S](#) [PRF92-P-C-EP-150-SS](#) [PRF92-J-C-EE-405-4D](#) [PRF92-P-C-EP-086E-SS](#)