

2.92 mm TO 40 GHz

2.92 mm Cable Assemblies

RF047-A, RF086, RF085, 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

-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 (RF047-A, RF085,
 RF086, RF120)

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

ALSO AVAILABLE

1.35 mm, 1.85 mm, 2.40 mm, SMPM = RF047-A

1.85 mm, 2.40 mm, SMPM = RF086

2.40 mm = RF085

2.40 mm, SMPM = RF23C

2.40 mm = RF120

2.92 mm Cable Connectors

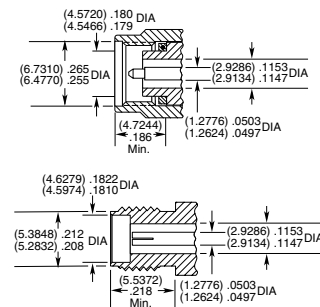
PRF92



CONNECTORS FOR INDUSTRY STANDARD CABLES

PRF92-P-C-EE-405-SD	RG 405, .085, semi-rigid
PRF92-P-C-EE-085A-SD	.085, semi-rigid, 23AWG
PRF92-P-C-EP-160-SS	Semflex HP160, low loss flexible
PRF92-P-C-EP-150B-SS	IW 1501, low loss flexible
PRF92-P-C-EP-142-SS	Harbour LL142, low loss flexible
PRF92-J-C-EP-085-SS	Harbour SS405, flexible alternative to RG 405
PRF92-J-C-EP-085-BS	Harbour SS405, flexible alternative to RG 405
PRF92-P-C-EP-085-SS	Harbour SS405, flexible alternative to RG 405
PRF92-P-C-EE-402-SD	RG 402, .141, semi-rigid
PRF92-P-C-EP-190-SS	Semflex HP190, low loss flexible
PRF92-J-C-EP-160-SS	Semflex HP160, low loss flexible
PRF92-P-C-EP-120A-SS	Semflex HP120, low loss flexible
PRF92-P-C-EP-140-SS	Dynawave DF140, low loss flexible
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, low loss flexible
PRF92-P-C-EE-118-SD	Haverhill HC35004, .118, semi-rigid
PRF92-J-C-EP-402-SS	RG 402, .141, semi-rigid
PRF92-J-C-EP-047D-4S	.047, semi-rigid
PRF92-J-C-EP-405-4S	RG 405, .085, semi-rigid
PRF92-P-C-EE-405-SD	RG 405, .085, semi-rigid
PRF92-P-C-EP-086-SS	.086 Temp-Flex, low loss flexible
PRF92-P-C-EP-200-SS	Times Max Gain 200, low loss flexible

INTERFACE STANDARD



P-C = Cable Plug

J-P = 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

2.92 mm Board Connectors

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Cable Mates:

RF047-A, RF085, RF086, RF23C, RF120



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GENDER

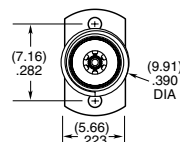
-J
 = Jack

TYPE

-P
 = PCB Mount

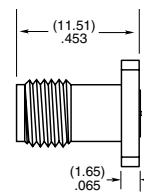
PLATING

-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

PACKAGING

Leave blank for
 tray packaging

-K
 = Individually
 bagged