

1.85 mm TO 65 GHz

1.85 mm Cable Assemblies RF047-A, RF086



VSWR

RF047-A: 1.40 max.
RF086: 1.40 max.

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF047-A = (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable	-18SJ = 1.85 mm Straight Jack		-“XXXX” = Overall Length in millimeters
RF086 = (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable	-18SP = 1.85 mm Straight Plug		-0100 (100 mm) 3.94" minimum

ALSO AVAILABLE

1.00 mm, 1.35 mm, 2.40 mm,
2.92 mm, SMPM, SMP, SMA = RF047-A
2.40 mm, 2.92 mm, SMPM, SMP, SMA = RF086

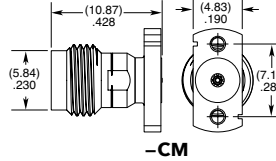
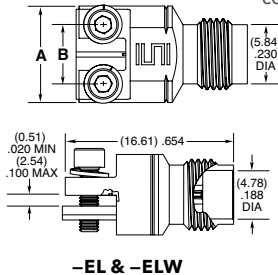
1.85 mm Board Connectors 185

Cable Mates:
RF047-A, RF086



185	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	OPTION	PACKAGING
	-J = Jack	-P = PCB Mount	-EP = 50 μ " (1.27 μ m) 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



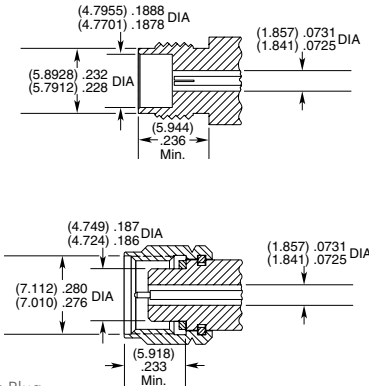
1.85 mm Cable Connectors PRF18



CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF18-J-C-EP-085-BS	Harbour SS405
PRF18-P-C-EP-085-SS	Harbour SS405
PRF18-P-C-EE-085-SD	Harbour SS405
PRF18-J-C-EP-086-SS	Temp-Flex 1001935086
PRF18-J-C-EP-047A-SS	Temp-Flex 1000671047
PRF18-P-C-EP-047A-SS	Temp-Flex 1000671047
PRF18-J-C-EP-047D-SS	.047 Semi-Rigid
PRF18-P-C-EP-047D-SS	.047 Semi-Rigid
PRF18-P-C-EE-047D-SD	.047 Semi-Rigid
PRF18-P-C-EE-047H-SD	EZ-47-LA Semi-Rigid
PRF18-P-C-EP-070-SD	EZ-70-LA Semi-Rigid
PRF18-J-C-EE-405-SD	RG 405 Semi-Rigid
PRF18-P-C-EE-405-SD	RG 405 Semi-Rigid
PRF18-P-C-EP-086E-SS	Dynawave DF165

For a complete list of 1.85 mm cable connectors, visit www.samtec.com?PRF18

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