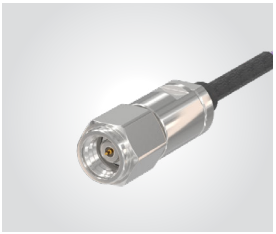
1.00 mm TO 120 GHz

1.00 mm Cable Assemblies
RF047-A



SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
RF047-A = (1.2 mm) .047" overshield DIA 29 AWG milimeter wave cable	**-10BJ** = 1.00 mm Bulkhead Straight Jack **-10SP** = 1.00 mm Straight Plug		**–"XXXX"** = Overall Length in millimeters –0100 (100 mm) 3.94" minimum

VSWR

1.40 max. (DC to 90 GHz)
1.50 max. (90 GHz to 110 GHz)

ALSO AVAILABLE

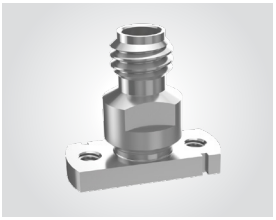
1.35 mm, 1.85 mm, 2.40 mm, 2.92 mm, SMPM, SMP, SMP3, SMA = RF047-A

NITROWAVE® CABLES

- LL130
- LL110
- LL095

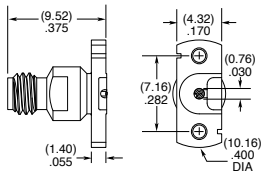
1.00 mm Board Connectors
100

Cable Mates:
RF047-A, LL130, LL110, LL095



-CM PRELIMINARY

100	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	OPTION	PACKAGING
	–J = Jack	**–P** = PCB Mount	**–VP** = 50 µ" (1.27 µm) Gold center contact, Passivated outer body	**–ST** = Straight	**–CM** = Compression Mount Stripline **–CMM** = Compression Mount Microstrip	**–1** = Without Screws (–CM & –CMM only) **–2** = With Screws (.016" to. 125" PCB thickness) (–CM & –CMM only) **–3** = With Screws (.069" to. 178" PCB thickness) (–CMM only)	Leave blank for Individually bagged **–B** = Bulk packaged



–CM & –CMM

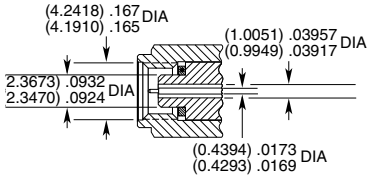
1.00 mm Cable Connectors
PRF10

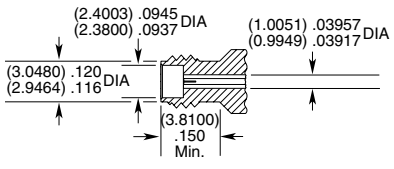


CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF10-J-C-VP-047D-SS	.047 Semi-Rigid
PRF10-P-C-VP-047D-SS	.047 Semi-Rigid

For a complete list of 1.00 mm cable connectors, visit www.samtec.com?PRF10
J-C = Cable Jack
P-C = Cable Plug
VP = Plating (75 µ" Gold center contact, passivated outer contact)
SS = Straight, Solder Clamp

INTERFACE STANDARD





Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.