

## 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
<b>RF047-A</b> = (1.2 mm) .047" overshield DIA 29 AWG millimeter wave cable  <b>RF086</b> = (2.18 mm) .086" overshield DIA 23 AWG millimeter wave cable	<b>-18SJ</b> = 1.85 mm Straight Jack  <b>-18SP</b> = 1.85 mm Straight Plug		<b>-“XXXX”</b> = Overall Length in millimeters  -0100 (0100 mm) 3.94" minimum
<b>ALSO AVAILABLE</b>			
2.40 mm, SMPM, 2.92 mm = RF086			
1.35 mm, 2.40 mm, SMPM, 2.92 mm = RF047-A			

### 1.85 mm Cable Connectors

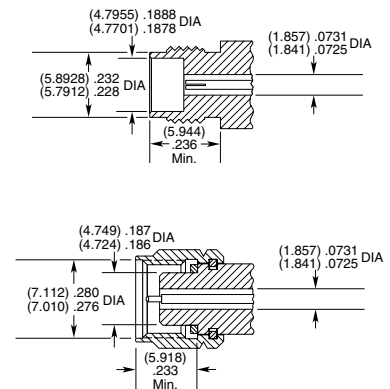
PRF18



CONNECTORS FOR INDUSTRY STANDARD CABLES	
PRF18-J-C-EP-047D-SS	.047, semi-rigid
PRF18-P-C-EP-047D-SS	.047, semi-rigid
PRF18-J-C-EP-086-SS	.086 Temp-Flex, low loss flexible
PRF18-P-C-EP-086-SS	.086 Temp-Flex, low loss flexible
PRF18-J-C-EE-405-SD	RG 405, .085, semi-rigid
PRF18-J-C-EP-085-BS	Harbour SS405, flexible alternative to RG 405
PRF18-P-C-EE-085-SD	Harbour SS405, flexible alternative to RG 405
PRF18-P-C-EP-085-SS	Harbour SS405, flexible alternative to RG 405
PRF18-P-C-EP-047A-SS	.047 Temp-Flex, low loss flexible, 29 AWG
PRF18-J-C-EP-047A-SS	.047 Temp-Flex, low loss flexible, 29 AWG

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



### 1.85 mm Board Connectors

185

Cable Mates:  
RF047-A, RF086



185	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	OPTION	PACKAGING
	<b>-J</b> = Jack	<b>-P</b> = PCB Mount	<b>-EP</b> = 50 μ" (1.27 μm) Gold center contact, Passivated outer contact	<b>-ST</b> = Straight	<b>-CM</b> = Compression Mount Stripline  <b>-CMM</b> = Compression Mount Microstrip	<b>-1</b> = Without Screws  <b>-2</b> = With Screws	Leave blank for tray packaging  <b>-K</b> = Individually bagged

