

# M81714/65 Sealed In-Line Splices

## SJS Series II Single and Double

### Socket Junction Splices



#### Operating Range

**Temperature:**  
-65°C to 200°C

**Insulation Resistance:**  
5000 Megaohms Min.

**Dielectric Withstanding Voltage:**  
1500 VRMS at Sea Level  
200 VRMS at 100,000 ft.

**Vibration & Shock:**  
Per MIL-T-81714  
Paragraph 3.5.5 & 3.5.8

**Current Rating:**  
13 Amps (Size 16)  
7.5 Amps (Size 20)  
5 Amps (Size 22)

#### Materials

**Insulator Body:**  
Polyetherimide per ASTM-D-5205

**Grommet:**  
Silicone Rubber per A-A-59588

**Internal Contact:**  
Copper Alloy, Gold Finish  
Accordance with MIL-G-45204

### Product Description

Series II In-Line Splices are available in single and double configurations in sizes 16, 20, and 22 AWG. These M81714/65 Splices use the same advanced polyetherimide body, one-piece bus assembly and construction as Amphenol Pcd's other M81714 connectors.

### Single SJS Splices

	Military P/N	APCD P/N	Ø Diameter
	M81714/65-16-1	SJS316700	.324 Max
	M81714/65-20-1	SJS320700	.290 Max
	M81714/65-22-1	SJS322700	.230 Max

### Sealed Splice Contacts

In-Line Splice	Contact
M81714/65-16-1	M39029/22-193
M81714/65-20-1	M39029/22-192
M81714/65-22-1	M39029/22-191
M81714/65-16-2	M39029/22-193
M81714/65-20-2	M39029/22-192
M81714/65-22-2	M39029/22-191

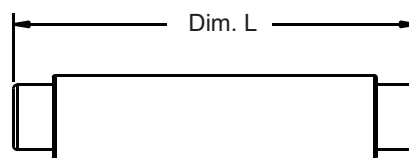
### Double SJS Splices

	Military P/N	APCD P/N	A	B	C
	M81714/65-16-2	SJS316701	.548 Max	.304 Max	.180 Max
	M81714/65-20-2	SJS320701	.481 Max	.271 Max	.150 Max
	M81714/65-22-2	SJS322701	.384 Max	.204 Max	.120 Max

### Splice Dimensions

#### SJS Single Splice

##### Side View

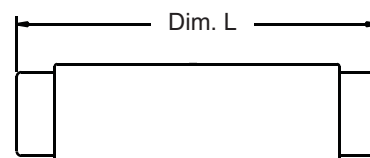


Wire Size      Dimension L

Size 16	1.452 Max
Size 20	1.434 Max
Size 22	1.310 Max

#### SJS Double Splice

##### Side View



Wire Size      Dimension L

Size 16	1.428 Max
Size 20	1.428 Max
Size 22	1.322 Max