

Socket Junction Splices



M81714/65 Sealed In-Line Splices

SJS Series II Single and Double

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:

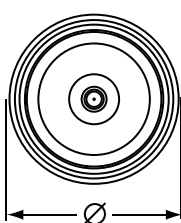
Copper Alloy, Gold Finish

Accordance with MIL-G-45204

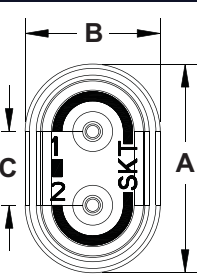
Product Description

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

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

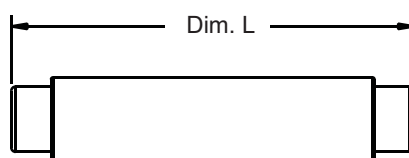
Sealed Splice Contacts

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

Splice Dimensions

SJS Single Splice

Side View



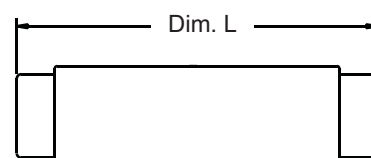
Wire Size

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[SJS316601](#) [SJS322601](#) [M81714/65-16-1](#) [SJS316600](#) [SJS322600](#) [SJS320601](#) [M81714/65-22-1](#) [M81714/65-20-1](#)
[SJS320600](#)