

MIL-T-81714/65 Series II

SJS Single & Double Sealed In-Line Splices



Operating Range

Temperature:
-65°C to 200°C

Insulation Resistance:
5000 Megaohms

Dielectric Withstanding Voltage:
1500 VRMS at Sea Level
200 VRMS at 110,000 ft.

Vibration & Shock:
Paragraph 3.5.8 & 3.5.9
Per MIL-T-81714

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

Materials

Insulator Body:
Polyetherimide per ASTM-D5205

Grommet:
Silicone Rubber per A-A-59588

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

Product Description

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

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			
Single SJS Splices: Side View		Double SJS Splices: Side View	
Wire Size	Dimension L	Wire Size	Dimension L
Size 16	1.452 Max	Size 16	1.428 Max
Size 20	1.434 Max	Size 20	1.428 Max
Size 22	1.310 Max	Size 22	1.322 Max

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