

# SVF81GANW

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## HomeConnect® F81 Barrel Splice, with hardware



### Product Classification

|                      |               |
|----------------------|---------------|
| <b>Product Type</b>  | Barrel splice |
| <b>Product Brand</b> | HomeConnect®  |

### General Specifications

|                    |                   |
|--------------------|-------------------|
| <b>Device Type</b> | F81 barrel splice |
|--------------------|-------------------|

### Dimensions

|               |                     |
|---------------|---------------------|
| <b>Length</b> | 28.194 mm   1.11 in |
|---------------|---------------------|

### Electrical Specifications

|  |  |
|--|--|
| <b>Insertion Loss at Frequency Band, maximum</b> | 0.2 dB @ 0–1002 MHz   0.3 dB @ 1002–3000 MHz                       |
| <b>Return Loss at Frequency Band, minimum</b>    | 20 dB @ 2000–3000 MHz   25 dB @ 1002–2000 MHz   35 dB @ 0–1002 MHz |
| <b>Impedance</b>                                 | 75 ohm   |
| <b>Operating Frequency Band</b>                  | 0 – 3000 MHz   |
| <b>Shielding Effectiveness, minimum</b>          | 120 dB   |

### Material Specifications

|                      |        |
|----------------------|--------|
| <b>Material Type</b> | Brass  |
| <b>Plating</b>       | Nickel |

### Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -40 °C to +60 °C (-40 °F to +140 °F) |
| <b>Safety Standard</b>       | CE   EN 60728-4   SCTE               |

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## Packaging and Weights

|                        |                   |
|------------------------|-------------------|
| <b>Height, packed</b>  | 190.5 mm   7.5 in |
| <b>Width, packed</b>   | 241.3 mm   9.5 in |
| <b>Length, packed</b>  | 330.2 mm   13 in  |
| <b>Carton Quantity</b> | 2500              |
| <b>Weight, gross</b>   | 24.04 kg   53 lb  |

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| CHINA-ROHS    | Below maximum concentration value  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system   |
| REACH-SVHC    | Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |



## Included Products

- SVF81GA – HomeConnect® F81 Barrel Splice, sealing surface
- SVLNW – HomeConnect® Nut and Washer