

SVF81GACNW

HomeConnect® F81 Barrel Splice, all-thread with hardware



Product Classification

Product Type	Barrel splice
Product Brand	HomeConnect®

General Specifications

Device Type	F81 barrel splice
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Dimensions

Length	28.194 mm 1.11 in
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Electrical Specifications

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

Material Specifications

Material Type	Brass
Plating	Nickel

Environmental Specifications

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

SVF81GACNW

Packaging and Weights

Height, packed	190.5 mm 7.5 in
Width, packed	241.3 mm 9.5 in
Length, packed	330.2 mm 13 in
Carton Quantity	3000
Weight, gross	24.494 kg 54 lb

Regulatory Compliance/Certifications

Agency	Classification
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 www.commscope.com/ProductCompliance
ROHS	Compliant



Included Products

- SVF81GAC – HomeConnect® F81 Barrel Splice, all-thread

SVF81GAC



HomeConnect® F81 Barrel Splice, all-thread

Product Classification

Product Type	Barrel splice
Product Brand	HomeConnect®

General Specifications

Device Type	F81 barrel splice
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Dimensions

Length	26.416 mm 1.04 in
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Electrical Specifications

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

Material Specifications

Material Type	Brass
Plating	Nickel

Environmental Specifications

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

Packaging and Weights

SVF81GAC

Height, packed	190.5 mm 7.5 in
Width, packed	241.3 mm 9.5 in
Length, packed	330.2 mm 13 in
Carton Quantity	3000
Weight, gross	19.958 kg 44 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

REACH-SVHC

ROHS

Classification

Designed, manufactured and/or distributed under this quality management system

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

