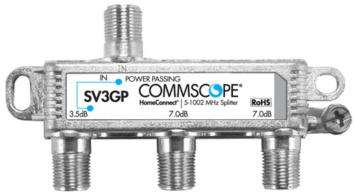
SV3GP



HomeConnect® Three-way Splitter, 5–1002 MHz, AC power pass leg

OBSOLETE

Product Classification

Product Type	Coaxial splitter
Product Brand	HomeConnect®

General Specifications

Device Type	Splitter
Application	Indoor | Outdoor
Designation, port 1	7 dB | Non-powered
Designation, port 2	3.5 dB | Powered
Mounting	Horizontal
Video Ports, quantity	3

Electrical Specifications

Insertion Loss at Frequency Band, port 1, typical	7.0 dB @ 5–550 MHz | 8.1 dB @ 550–1002 MHz
Insertion Loss at Frequency Band, port 2, typical	3.7 dB @ 5–550 MHz | 4.2 dB @ 550–1002 MHz
Return Loss at Frequency Band, input, typical	21 dB @ 50–1002 MHz | 23 dB @ 5–45 MHz
Return Loss at Frequency Band, output, typical	21 dB @ 50–1002 MHz | 23 dB @ 5–45 MHz
Frequency Response	±0.3 dB
Impedance	75 ohm
Operating Frequency Band	5 – 1002 MHz
Power Passing	Yes
Shielding Effectiveness, minimum	120 dB

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 10, 2023

COMMSCOPE®

Spurious Signals/2nd Order Harmonics, before surge	<-60 dBmV
Surge Capability Test Method	ANSI/SCTE 81 | Category A3 (6 kV, 200 A, Ring wave)
Surge Capability Waveform	100 kHz ring wave waveform

Electrical Specifications, Isolation

Isolation at Frequency Band, tap to output, typical	30.0 dB @ 300–1002 MHz | 30.0 dB @ 5–15 MHz | 35.0 dB @ 15–45 MHz | 35.0 dB @ 50–300 MHz

Environmental Specifications

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

Packaging and Weights

Height, packed	203.2 mm | 8 in
Width, packed	330.2 mm | 13 in
Length, packed	520.7 mm | 20.5 in
Carton Quantity	300
Weight, gross	19.96 kg | 44.004 lb

Regulatory Compliance/Certifications

Agency	Classification
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
UK-ROHS	Compliant

ISO 9001:2015

©2023 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: June 10, 2023

COMMSCOPE®