SVDCW23G

HomeConnect® Directional Coupler, 23 dB, wall mount

OBSOLETE

Product Classification

Product Type	Directional coupler
Product Brand	HomeConnect®

General Specifications

Device Type	Coupler
Application	Indoor | Outdoor
Mounting	Wall mount
Video Ports, quantity	2

Electrical Specifications

Insertion Loss at Frequency Band, tap	23.0 dB ±1.0 dB @ 550–1002 MHz | 23.0 dB ±1.0 dB @ 5–550 MHz
Insertion Loss at Frequency Band, typical	0.9 dB @ 5–550 MHz | 1.2 dB @ 550–1002 MHz
Return Loss at Frequency Band, input, typical	20 dB @ 50–1002 MHz | 20 dB @ 5–45 MHz
Return Loss at Frequency Band, output, typical	20 dB @ 50–1002 MHz | 20 dB @ 5–45 MHz
Return Loss at Frequency Band, tap	20.0 dB @ 50–1002 MHz | 21.0 dB @ 5–45 MHz
Impedance	75 ohm
Operating Frequency Band	5 – 1002 MHz
Power Passing	No
Shielding Effectiveness, minimum	120 dB
Spurious Signals/2nd Order Harmonics, before surge	<-60 dBmV
Surge Capability Test Method	ANSI/SCTE 81 | Category A3 (6 kV, 200 A, Ring wave)

COMMSCOPE®

SVDCW23G

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 @ 50−300 MHz | 35.0 dB @ 15−45 MHz | 35.0 dB @ 5−15 MHz

Material Specifications

Material Type	Zinc

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	215.9 mm | 8.5 in
Width, packed	368.3 mm | 14.5 in
Length, packed	482.6 mm | 19 in
Carton Quantity	400
Weight, gross	21.32 kg | 47.002 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

COMMSCOPE®