

SVDCW26G



HomeConnect® Directional Coupler, 26 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	26.0 dB ±1.0 dB @ 550–1002 MHz 26.0 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)

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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

