

S-3-CPUSE-L-43-I53

Three-way Low PIM Low Power Splitter, 555–2700 MHz



OBSOLETE

This product was discontinued on: July 31, 2021

Replaced By:

S-3-UW-H-43-I6

Ultra Wideband Three-way Low PIM Reactive High Power Splitter, 555–6000 MHz (Additional mounting bracket PN:42396A-17 sold separately)

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Product Type

Power splitter

General Specifications

Device Type

Splitter

Application

Indoor/Outdoor

Color

Black

Inner Contact Plating

Silver

Interface

4.3-10 Female

Outer Contact Plating

Trimetal

Dimensions

Height

24 mm | 0.945 in

Width

111 mm | 4.37 in

Length

135 mm | 5.315 in

Electrical Specifications

3rd Order IMD

-153 dBc

S-3-CPUSE-L-43-153

3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.65 dB @ 555–2700 MHz
Average Power, maximum	80 W
Impedance	50 ohm
Isolation at Frequency Band	19.5 dB @ 555–2700 MHz
Operating Frequency Band	555 – 2700 MHz
Peak Power, maximum	1 kW
Power Rating, combining	0.5 W
Power Rating, Splitting	80 W
Reflected Power, maximum	5 W
Split Loss	4.8 dB
VSWR at Frequency Band	1.3:1 @ 575–2700 MHz 1.43:1 @ 555–575 MHz

Mechanical Specifications

Coupling Nut Proof Torque	7 N-m 61.955 in lb
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Environmental Specifications

Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	40 mm 1.575 in
Width, packed	130 mm 5.118 in
Length, packed	160 mm 6.299 in
Weight, gross	0.66 kg 1.455 lb
Weight, net	0.56 kg 1.235 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

