S-3-CPUSE-H-43-I6

Three-way Low PIM Reactive Power Splitter, 555–2700 MHz (Additional mounting bracket PN:42396A-17 sold separately)

OBSOLETE

This product was discontinued on: October 31, 2019

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	Silver
Inner Contact Plating	Silver
Interface	4.3-10 Female
Outer Contact Plating	Trimetal

Dimensions

Height	45 mm | 1.772 in
Width	66 mm | 2.598 in
Length	185 mm | 7.283 in

Electrical Specifications

3rd Order IMD	-162 dBc

S-3-CPUSE-H-43-I6

3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.2 dB @ 555–2700 MHz
Return Loss, minimum	20.8 dB
Average Power, maximum	300 W
Impedance	50 ohm
Operating Frequency Band	555 – 2700 MHz
Peak Power, maximum	3 kW
Power Rating, Splitting	300 W
Reflected Power, maximum	300 W
Split Loss	4.8 dB
VSWR	1.2

Mechanical Specifications

Coupling Nut Proof Torque	7 N-m | 61.955 in lb

Environmental Specifications

Operating Temperature	-35 °C to +85 °C (-31 °F to +185 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	65 mm | 2.559 in
Width, packed	85 mm | 3.346 in
Length, packed	200 mm | 7.874 in
Weight, gross	0.46 kg | 1.014 lb
Weight, net	0.36 kg | 0.794 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

S-3-CPUSE-H-43-16