

S-3-TCPUSE-H-NI6

Multiband Three-way Low PIM Reactive High Power Splitter, 340–2700 MHz (Additional mounting bracket PN:42396A-17 sold separately)



OBSOLETE

This product was discontinued on: July 31, 2021

Replaced By:

S-3-TCPUSEW-H-NI6 Multiband Three-way Low PIM Reactive High Power Splitter, 340–3800 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 N Female
Outer Contact Plating Trimetal

Dimensions

Height 43 mm | 1.693 in
Width 61 mm | 2.402 in
Length 182 mm | 7.165 in

Electrical Specifications

3rd Order IMD -160 dBc

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3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.3 dB @ 380–2700 MHz 0.4 dB @ 340–380 MHz
Average Power, maximum	300 W
Impedance	50 ohm
Operating Frequency Band	340 – 2700 MHz
Peak Power, maximum	3 kW
Power Rating, Splitting	300 W
Reflected Power, maximum	300 W
Split Loss	4.8 dB
VSWR at Frequency Band	1.2:1 @ 380–2700 MHz 1.3:1 @ 340–380 MHz

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	52 mm 2.047 in
Width, packed	72 mm 2.835 in
Length, packed	250 mm 9.843 in
Weight, gross	0.38 kg 0.838 lb
Weight, net	0.35 kg 0.772 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

