

# S-3-UW-H-NI6



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	White
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	202 mm   7.953 in

## Electrical Specifications

3rd Order IMD	-163 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.2 dB @ 555–2700 MHz   0.4 dB @ 2700–3800 MHz   0.45 dB @ 3800–4900 MHz   0.9 dB @ 4900–6000 MHz
Return Loss, minimum	19.1 dB
Average Power, maximum	300 W
Impedance	50 ohm
Operating Frequency Band	555 – 6000 MHz
Peak Power, maximum	3 kW
Power Rating, Splitting	300 W

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Reflected Power, maximum	300 W
Split Loss	4.8 dB
VSWR	1.25

## Mechanical Specifications

Coupling Nut Proof Torque	4.5 N-m   39.828 in lb
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## Environmental Specifications

Operating Temperature	-35 °C to +85 °C (-31 °F to +185 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

## 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	0.45 kg   0.992 lb
Weight, net	0.37 kg   0.816 lb

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted

