

# 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

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Product Type</b>	Power splitter

## General Specifications

<b>Device Type</b>	Splitter
<b>Application</b>	Indoor/Outdoor
<b>Color</b>	White
<b>Inner Contact Plating</b>	Silver
<b>Interface</b>	N Female
<b>Outer Contact Plating</b>	Trimetal

## Dimensions

<b>Height</b>	43 mm   1.693 in
<b>Width</b>	61 mm   2.402 in
<b>Length</b>	202 mm   7.953 in

## Electrical Specifications

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

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<b>Reflected Power, maximum</b>	300 W
<b>Split Loss</b>	4.8 dB
<b>VSWR</b>	1.25

## Mechanical Specifications

<b>Coupling Nut Proof Torque</b>	4.5 N-m   39.828 in lb
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## Environmental Specifications

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

## Packaging and Weights

<b>Height, packed</b>	52 mm   2.047 in
<b>Width, packed</b>	72 mm   2.835 in
<b>Length, packed</b>	250 mm   9.843 in
<b>Weight, gross</b>	0.45 kg   0.992 lb
<b>Weight, net</b>	0.37 kg   0.816 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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

