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

ColorWhiteInner Contact PlatingSilverInterfaceN 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, minimum19.1 dBAverage Power, maximum300 WImpedance50 ohm

Operating Frequency Band 555 – 6000 MHz

Peak Power, maximum3 kWPower Rating, Splitting300 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

Environmental Specifications

Operating Temperature $-35 \,^{\circ}\text{C} \text{ to } +85 \,^{\circ}\text{C} \, (-31 \,^{\circ}\text{F to } +185 \,^{\circ}\text{F})$

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

