S-4-UW-H-43-16



Ultra Wideband Four-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 4.3-10 Female

Outer Contact Plating Trimetal

Dimensions

 Height
 45 mm | 1.772 in

 Width
 66 mm | 2.598 in

 Length
 254 mm | 10 in

Electrical Specifications

3rd Order IMD -165 dBc

3rd Order IMD Test Method Two +43 dBm carriers

Insertion Loss at Frequency Band 0.3 dB @ 555-2700 MHz | 0.55 dB @ 2700-3800 MHz | 0.75 dB @ 3800-4900

MHz | 1.4 dB @ 4900-6000 MHz

Average Power, maximum 300 W Impedance 50 ohm

Operating Frequency Band 555 – 6000 MHz

Peak Power, maximum3 kWPower Rating, Splitting300 WReflected Power, maximum300 W

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Split Loss 6 dB

VSWR at Frequency Band 1.25 @ 555-2700 MHz | 1.25:1 @ 2700-3800 MHz | 1.3:1 @ 3800-6000 MHz

Mechanical Specifications

Coupling Nut Proof Torque 7 N-m | 61.955 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
 55 mm | 2.165 in

 Width, packed
 77 mm | 3.031 in

 Length, packed
 315 mm | 12.402 in

 Weight, gross
 0.47 kg | 1.036 lb

 Weight, net
 0.39 kg | 0.86 lb

Regulatory Compliance/Certifications

assification

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.andrew.com/ProductCompliance

ROHS Compliant

UK-ROHS Compliant/Exempted

