



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	N Female
Outer Contact Plating	Trimetal

Dimensions

Height	43 mm 1.693 in
Width	61 mm 2.402 in
Length	249 mm 9.803 in

Electrical Specifications

3rd Order IMD	-163 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, maximum	3 kW

Power Rating, Splitting	300 W
Reflected Power, maximum	300 W
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	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	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

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

