

S-4-UW-H-43-i6

Ultra Wideband Four-way Low PIM Reactive High Power Splitter, 555–6000 MHz



Product Classification

Product Type Coaxial splitter

General Specifications

Device Type Splitter
Interface 4.3-10 Female
Color White

Electrical Specifications

Operating Frequency Band 555 – 6000 MHz
3rd Order IMD -165.0 dBc
3rd Order IMD Test Method Two +43 dBm carriers
Average Power, maximum 300 W
Impedance 50 ohm
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
Peak Power, maximum 3 kW
Power Rating, Splitting 300 W
Reflected Power, maximum 300 W
Return Loss, minimum 19.1 dB
Split Loss 6.0 dB
VSWR 1.25 @ 555–2700 MHz | 1.25:1 @ 2700–3800 MHz | 1.3:1 @ 3800–6000 MHz

Outline Drawing

Mechanical Specifications

Coupling Nut Proof Torque 7.00 N-m | 5.16 ft lb
Inner Contact Plating Silver
Outer Contact Plating Trimetal

Environmental Specifications

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

Dimensions

Height	45.00 mm 1.77 in
Length	254.00 mm 10.00 in
Width	66.00 mm 2.60 in
Net Weight	390.00 g 0.86 lb

Packed Dimensions

Height	55.0 mm 2.2 in
Length	315.0 mm 12.4 in
Width	77.0 mm 3.0 in
Shipping Weight	470.00 g 1.04 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

