

# S-2-CPUSE-H-43-i6

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Two-way Low PIM Reactive Power Splitter, 555–2700 MHz

## Product Classification

**Product Type** Coaxial splitter

## General Specifications

**Brand** Andrew®  
**Device Type** Splitter  
**Interface** 4.3-10 Female  
**Color** Silver

## Electrical Specifications

**Operating Frequency Band** 555 – 2700 MHz  
**3rd Order IMD** -162 dBc  
**3rd Order IMD Test Method** Two +43 dBm carriers  
**Average Power, maximum** 300 W  
**Impedance** 50 ohm  
**Insertion Loss at Frequency Band** 0.2 dB @ 555–2700 MHz  
**Peak Power, maximum** 3 kW  
**Power Rating, Splitting** 300 W  
**Reflected Power, maximum** 300 W  
**Return Loss, minimum** 20.8 dB  
**Split Loss** 3.0 dB  
**VSWR** 1.2:1

## 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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<b>Application</b>	Indoor/Outdoor
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP65
<b>Operating Temperature</b>	-35 °C to +85 °C (-31 °F to +185 °F)
<b>Relative Humidity</b>	Up to 100%

## Dimensions

<b>Height</b>	25.00 mm   0.98 in
<b>Length</b>	153.00 mm   6.02 in
<b>Width</b>	66.00 mm   2.60 in
<b>Net Weight</b>	290.00 g   0.64 lb

## Packed Dimensions

<b>Height</b>	45.0 mm   1.8 in
<b>Length</b>	180.0 mm   7.1 in
<b>Width</b>	98.0 mm   3.9 in
<b>Shipping Weight</b>	360.00 g   0.79 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
RoHS 2011/65/EU	Designed, manufactured and/or distributed under this quality management system
ISO 9001:2008	