

H-3-CPUSE-D-ACSI6



Air Dielectric Hybrid Coupler, Same side inputs, 698–2700 MHz

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Product Type	Hybrid coupler

General Specifications

Device Type	Hybrid
Application	Indoor/Outdoor
Color	Silver
Inner Contact Plating	Silver
Interface	7-16 DIN Female
Outer Contact Plating	Trimetal

Dimensions

Height	34 mm 1.339 in
Width	95 mm 3.74 in
Length	130 mm 5.118 in

Electrical Specifications

3rd Order IMD	-160 dBc
3rd Order IMD Test Method	Two +43 dBm carriers
Insertion Loss at Frequency Band	0.2 dB @ 698–2700 MHz
Return Loss, minimum	20.8 dB
Average Power, maximum	200 W
Coupling	3.1 dB
Coupling Tolerance	±0.6dB
Impedance	50 ohm
Isolation at Frequency Band	23 dB @ 698–2700 MHz

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Operating Frequency Band	698 – 2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	200 W
VSWR	1.2

Mechanical Specifications

Coupling Nut Proof Torque	25 N-m 221.269 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%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	60 mm 2.362 in
Width, packed	110 mm 4.331 in
Length, packed	170 mm 6.693 in
Weight, gross	0.75 kg 1.653 lb
Weight, net	0.68 kg 1.499 lb

Regulatory Compliance/Certifications

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