

S-3-CPUSE-L-NI

Three-way Low Power Splitter, 555–2700 MHz



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 Black

Inner Contact Plating Silver

Interface N Female

Outer Contact Plating Trimetal

Dimensions

Height 22 mm | 0.866 in

Width 111 mm | 4.37 in

Length 135 mm | 5.315 in

Electrical Specifications

3rd Order IMD -150 dBc

3rd Order IMD Test Method Two +43 dBm carriers

Insertion Loss at Frequency Band 0.65 dB @ 555–2700 MHz

Average Power, maximum 80 W

Dissipative Loss at Frequency Band 0.6 dB @ 698–2700 MHz

Impedance 50 ohm

Isolation at Frequency Band 17 dB @ 555–698 MHz | 20 dB @ 698–2700 MHz

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Operating Frequency Band	555 – 2700 MHz
Peak Power, maximum	1 kW
Power Rating, combining	0.5 W
Power Rating, Splitting	80 W
Reflected Power, maximum	5 W
Split Loss	4.8 dB
VSWR at Frequency Band	1.3:1 @ 698–2700 MHz 1.58:1 @ 555–698 MHz

Environmental Specifications

Operating Temperature	-25 °C to +85 °C (-13 °F to +185 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP65

Packaging and Weights

Height, packed	40 mm 1.575 in
Width, packed	130 mm 5.118 in
Length, packed	160 mm 6.299 in
Volume	832000 mm ³ 50.772 in ³
Weight, gross	0.61 kg 1.345 lb
Weight, net	0.54 kg 1.19 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ROHS	Compliant/Exempted

