

S-3-CPUSE-L-N

Three-way Low Power Splitter, 555–2700 MHz



OBSOLETE

This product was discontinued on: July 31, 2021

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	-130 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

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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
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	0.56 kg 1.235 lb
Weight, net	0.5 kg 1.102 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

