

Product Specifications

S-4-CPUSE-L-N

Four-way Low Power Splitter, 698–2700 MHz



CHARACTERISTICS

Electrical Specifications

Operating Frequency Band	698 – 2700 MHz
3rd Order IMD	-130 dBc (relative to carrier)
3rd Order IMD Test Method	Two +43 dBm Carriers
Average Power, maximum	50 W
Dissipative Loss at Frequency Band	0.6 dB @ 698–2700 MHz
Impedance	50 ohm
Insertion Loss at Frequency Band	0.6 dB @ 698–2700 MHz
Isolation at Frequency Band	18 dB @ 2500–2700 MHz 18 dB @ 698–800 MHz 20 dB @ 800–2500 MHz
Peak Power, maximum	1 kW
Power Rating, Combining	0.5 W
Power Rating, Splitting	50 W
Reflected Power, maximum	5 W
Return Loss	17.7 dB
Split Loss	6.0 dB
VSWR	1.3:1

General Specifications

Device Type	Splitter
Interface	N Female
Color	Black

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

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Environmental Specifications

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

Dimensions

Height	22.00 mm 0.87 in
Length	129.00 mm 5.08 in
Net Weight	620.00 g 1.37 lb
Width	141.00 mm 5.55 in

Packed Dimensions

Height	40.0 mm 1.6 in
Length	160.0 mm 6.3 in
Shipping Weight	680.00 g 1.50 lb
Volume	1024.0000 cc
Width	160.0 mm 6.3 in

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC

Classification

