

Product Specifications



S-3-CPUS-LN

Multiband Three-way Low Power Splitter, 700–2700 MHz



CHARACTERISTICS

Dimensions

Height	22.00 mm 0.87 in
Length	129.00 mm 5.08 in
Net Weight	440.00 g 0.97 lb
Width	111.00 mm 4.37 in

Electrical Specifications

Operating Frequency Band	700 – 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	0.5 dB @ 800–2500 MHz 0.7 dB @ 700–2700 MHz
Impedance	50 ohm
Isolation at Frequency Band	18 dB @ 700–2700 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	3 W
Return Loss	20.0 dB
Split Loss	4.8 dB
VSWR	1.2:1 @ 800–2500 MHz 1.3:1 @ 700–2700 MHz

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)

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Relative Humidity Up to 100%

General Specifications

Device Type	Splitter
Interface	N Female
Color	Black

Mechanical Specifications

Inner Contact Plating	Silver
Outer Contact Plating	Trimetal

Packed Dimensions

Height	38.0 mm 1.5 in
Length	158.0 mm 6.2 in
Shipping Weight	500.00 g 1.10 lb
Volume	46.8975 in ³
Width	128.0 mm 5.0 in