

698-3800MHZ N Female Low PIM 3dB Hybrid Coupler

Product Description:

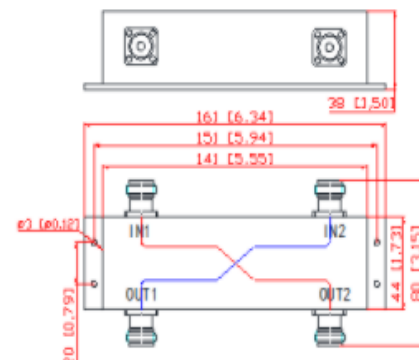
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698-3800MHZ N Female Low PIM -160dbc 3dB Hybrid Coupler Combiner DAS

Hybrid couplers are the special case of a four-port directional coupler that is designed for a 3-dB (equal) power split. Hybrids come in two types, 90 degree or quadrature hybrids, and 180 degree hybrids.

Hybrid couplers are widely used as a directional 3db coupler with one termination port , also can be used as a combiner of 2 in 2 out and 2 in 1 out .

For some usage ,hybrid couplers can be combined as matrix, for example 4in 4out ,3in 3out etc.



Mechanical & Electrical Specifications

Part Number	SRFS-HC2x2-0738-ON
Operating Frequency (MHz)	698-3800
Impedance (Ohm)	50
VSWR	≤1.25
Coupling (dB)	3.0±0.9
Insertion Loss (dB)	3.7
Isolation (dB)	≥23
IM3 (dBc @ 2×43dBm)	-140 / -150 / -155 / -160
Application	Indoor & Outdoor
Degree of Protection	IP65
Operating Temperature (°C)	-40 ~ + 80
Interface	N Female
Handling Power (Watt, max)	300
Peak Power (Watt, max)	1200
Dimension (mm)(L×W×H, excl connector)	141 × 44 × 38
Net Weight (g)	615 ± 20
Packing Dimensions (mm,L×W×H)	170 × 100 × 40
Packing Carton Size (mm,L×W×H)	520 × 360 × 110
ROHS Compliance	Yes

Plot no 10 Shiv Vihar A Block Najafgarh Nala Road Vikasnagar Uttam Nagar New Delhi-110059

+91-9027232570, +91-8800726650 info@srfsteleinfra.in, info@srfsteleinfra.com

www.srfsteleinfra.in

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