Powertec Wireless Technology
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Powertec RF Power Divider 2-Way, 698 to 3800 MHz, N Female, Wilkinson, 22dB isolation

SKU
IBC-PT-00100
MPN
PCM-PD2-6938.N2
Barcode
9337692004339

Description

The Powertec RF Power Divider 2-Way (SKU: IBC-PT-00100) is an efficient solution for RF signal distribution, designed for use in various wireless communication applications. Operating within a frequency range of 698 to 3800 MHz, this divider ensures reliable performance with a 3 dB division value and excellent isolation of over 20 dB. It features N Female connectors on both input and output ports, supporting a 50 Ω input impedance.

Constructed with a compact design measuring 62 x 42 x 20 mm, the Power Divider is built to withstand harsh conditions, certified with an IP60 ingress protection rating, and operational in temperatures ranging from -30 °C to 65 °C. With a VSWR of less than 1.3:1 and an insertion loss of just 0.80 dB, it ensures minimal signal loss and optimal performance across its frequency range.

Manufactured by Powertec, a leading Australian wireless technology provider, this component is part of their extensive range of RF...

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Powertec

Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

Min. Frequency
698 MHz
Max. Frequency
3700 MHz
Coupling / Split
3 dB
Input Impedance
50 Ω
Max. Input Power
50 W
Port Matrix

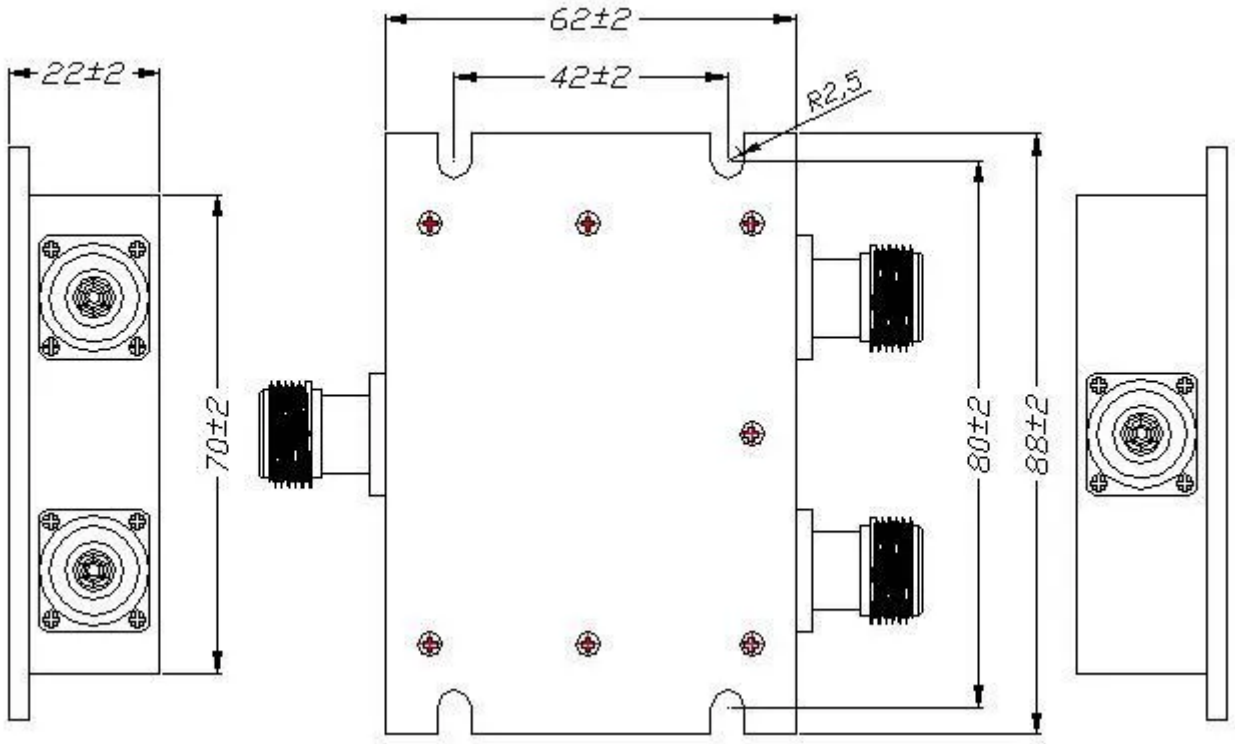
Port Function	RF Interface
Input	N Female
Output	N Female
Output	N Female

Frequency Test Data

Start Frequency	Stop Frequency	VSWR	Insertion Loss	Inter-Port Iso.
698 MHz	3700 MHz	< 1.25:1	0.8 dB	> 20 dB

Physical Specification

Input Ports
1
Output Ports
2
Subtype
Power Divider
Ingress Protection
IP60
Dimensions
62 x 42 x 20
Weight
0.2 kg
Min. Operating Temperature
-30 °C
Max. Operating Temperature
65 °C
Drawing



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