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

SKU
IBC-PT-00103
MPN
PCM-PD2-6938.SA2
Barcode
9337692004360

Description

The Powertec RF Power Divider 2-Way (SKU: IBC-PT-00103) is a high-performance component designed for dividing RF signals across a frequency range of 698 MHz to 3700 MHz. Equipped with SMA Female connectors for both input and output, this divider ensures seamless integration into various RF systems. Its compact dimensions of 88 x 60 x 21 mm and IP60 rating make it suitable for indoor installations, operating efficiently in temperatures from -30 °C to 65 °C.

Key specifications include a 3 dB coupling value, a VSWR of less than 1.3:1, an insertion loss of 0.80 dB, and an inter-port isolation exceeding 20 dB. The device maintains a 50 Ω input impedance, ensuring compatibility with standard RF equipment. Manufactured by Powertec, a leading Australian wireless technology provider, this power divider exemplifies quality and reliability, backed by over two decades of industry expertise.

Ideal for applications requiring precise signal management...

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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

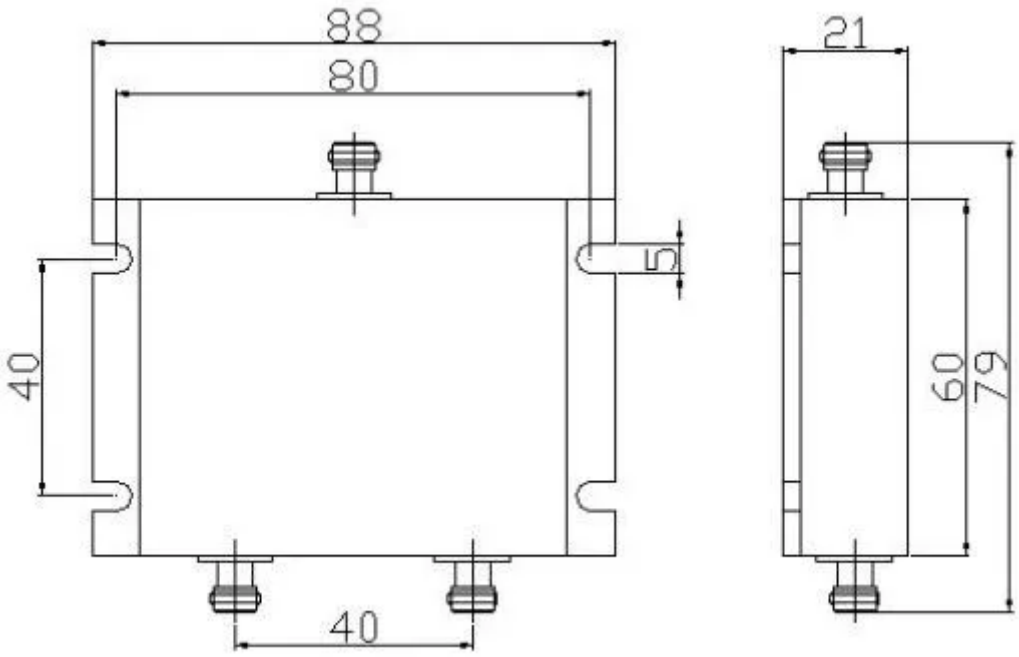
Port Function	RF Interface
Input	SMA Female
Output	SMA Female

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
88 by 60 by 21
Weight
0.18 kg
Min. Operating Temperature
-30 °C
Max. Operating Temperature
65 °C
Drawing



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