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Powertec Wireless Technology
ABN: 42 082 948 463
PO Box 1034, Ashmore City
Queensland, Australia, 4214
sales@powertec.com.au
1300 769 378

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...

[Read More](#)





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

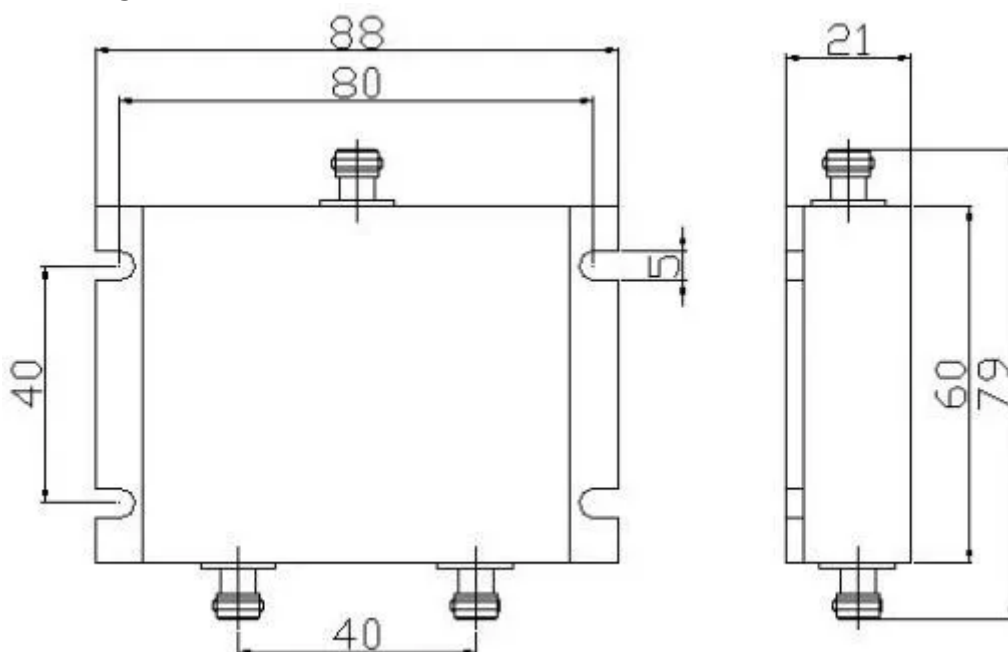
Min. Operating Temperature

-30 °C

Max. Operating Temperature

65 °C

Drawing



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