

Page



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 3-Way, 698 to 3800 MHz, SMA Female, Wilkinson, 22dB isolation

SKU
IBC-PT-00104
MPN
PCM-PD3-6938.SA2
Barcode
9337692004377

Description

The Powertec RF Power Divider (SKU: IBC-PT-00104) is a high-performance 3-way splitter, designed to operate across a frequency range of 698 to 3800 MHz. This component features SMA female connectors for both input and output ports, ensuring reliable connections with an input impedance of 50 Ω . Its Wilkinson design provides greater than 18 dB inter-port isolation, contributing to minimal interference between outputs.

With a compact size of 120 x 21 x 40 mm and an IP60 ingress protection rating, this divider is durable and suited for various environments. It functions efficiently within a temperature range of -30 °C to 65 °C, making it versatile for different applications. The unit exhibits a low insertion loss of 1.20 dB and a VSWR of less than 1.3:1 across its operating frequencies, ensuring high signal integrity.

Manufactured by Powertec, a leading Australian wireless technology provider, this RF Power Divider supports cellular network...

[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

4.8 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	< 1.3:1	1.2 dB	> 18 dB
---------	----------	---------	--------	---------

Physical Specification

Input Ports

1

Output Ports

3

Subtype

[Power Divider](#)

Ingress Protection

[IP60](#)

Dimensions

120 by 21 by 40

Weight

0.2 kg

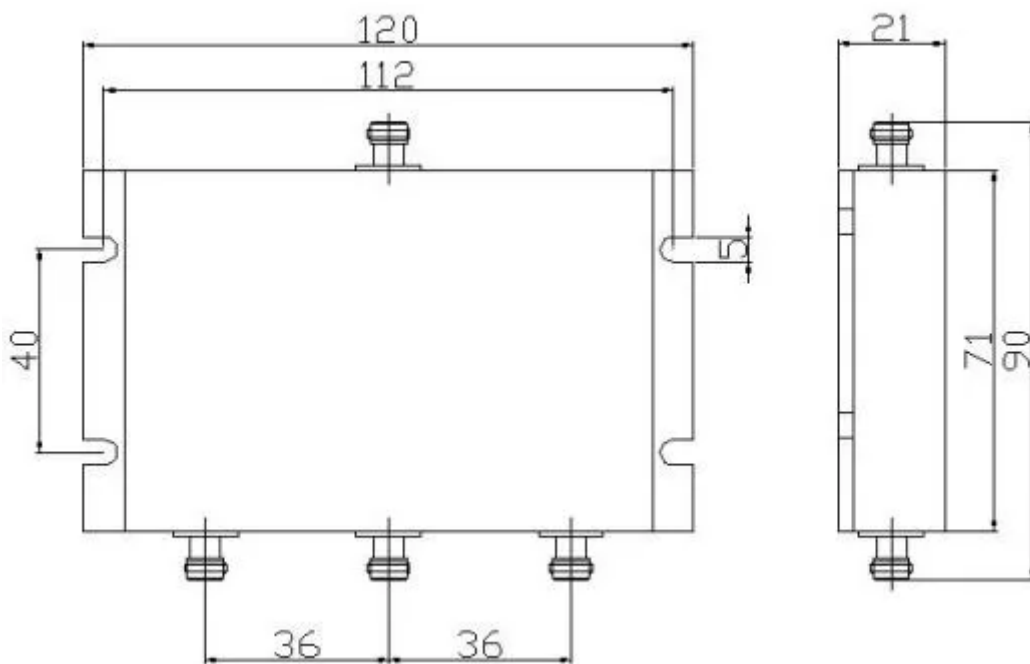
Min. Operating Temperature

-30 °C

Max. Operating Temperature

65 °C

Drawing



Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual

property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

