Powertec Wireless Technology
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Powertec RF Power Divider 4-Way, 698 to 3800 MHz, N Female, Wilkinson, 22dB isolation

SKU
IBC-PT-00102
MPN
PCM-PD4-6938.N2
Barcode
9337692004353

Description

The Powertec RF Power Divider 4-Way (SKU: IBC-PT-00102) efficiently splits signals across a frequency range of 698 to 3800 MHz with a division value of 6 dB. Designed for optimal performance, it features 22 dB isolation and a VSWR of <1.3:1, ensuring minimal signal reflection. The unit's insertion loss is 1.20 dB, with inter-port isolation exceeding 18 dB, providing reliable signal integrity.

Built with robust N Female connectors, the divider supports seamless integration in RF systems. Its compact dimensions of 222x71x24 mm and IP60 ingress protection make it suitable for various environments. Operating reliably between -30 °C and 65 °C, it suits diverse applications, including cellular network enhancements and wireless networks.

The Power Divider is manufactured by Powertec, a trusted Australian company since 1995, known for its commitment to quality and innovation in wireless technology. With a 50 Ω input impedance, this Wilkinson divider is ideal for professionals looking to enhance system performance. Powertec supports its products with extensive procurement, design, and project management services across Australia, New Zealand, and beyond, reinforcing its position as a leading wireless technology distributor and systems integrator.



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
6 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
Output	N Female
Output	N Female

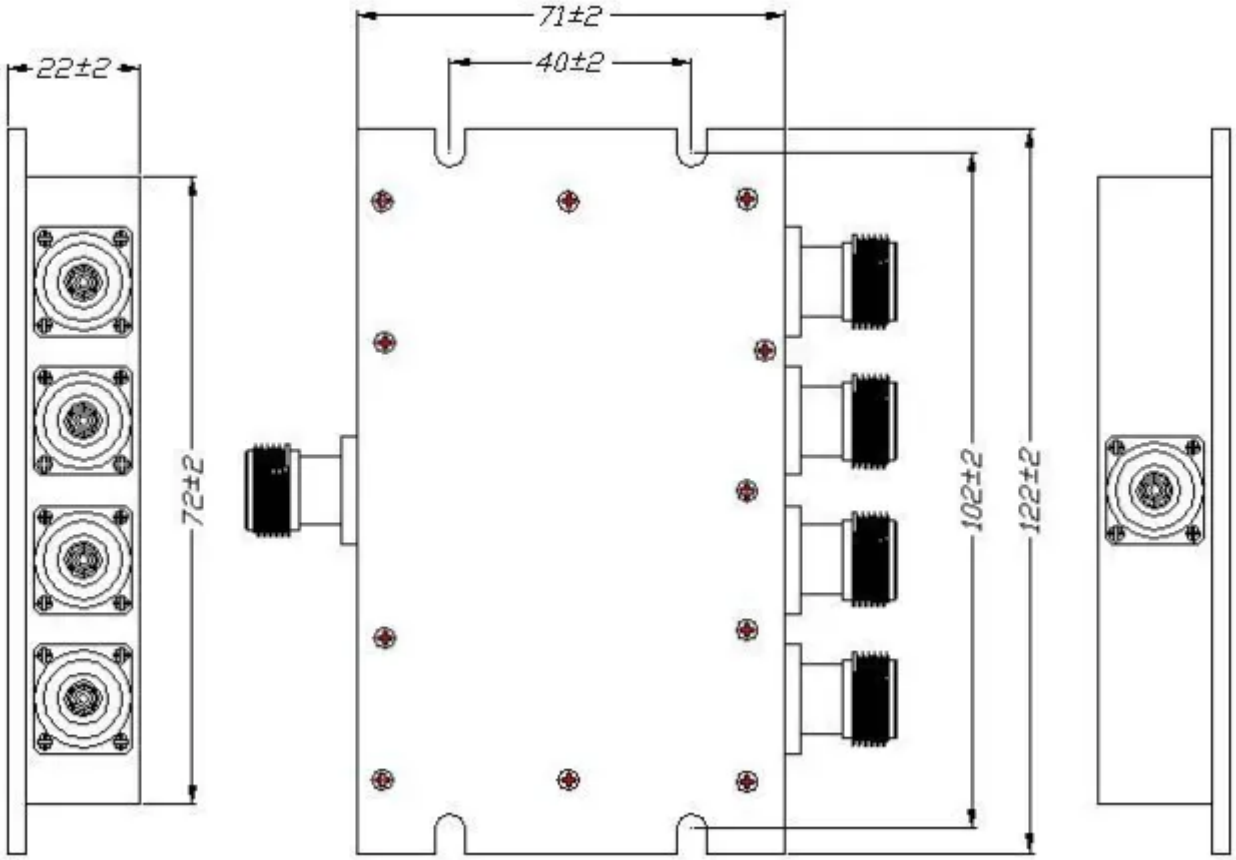
Frequency Test Data

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
4
Subtype
Power Divider
Ingress Protection
IP60
Dimensions
222x71x24
Weight
0.38 kg
Min. Operating Temperature

-30 °C
Max. Operating Temperature
65 °C
Drawing



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