

# Powertec RF Power Divider 2-Way, 698 to 3800 MHz, 4.3-10 Female, Wilkinson

SKU: IBC-PT-00057  
 MPN: PCM-PD2-6938.432  
 Barcode: 9337692001949

## Description

The Powertec RF Power Divider 2-Way (SKU: IBC-PT-00057) is a robust component designed for optimal RF signal distribution across a frequency range of 698 to 3800 MHz. With a Wilkinson design, it ensures a precise 3 dB division with minimal signal loss, featuring an insertion loss of just 0.80 dB and inter-port isolation exceeding 20 dB. Its VSWR is maintained at less than 1.3:1, ensuring efficient performance.

Constructed with 4.3-10 Female connectors for both input and output ports, this power divider guarantees reliable connectivity. It operates effectively in temperatures from -30 °C to 65 °C and holds an IP60 ingress protection rating, making it suitable for various environmental conditions. With dimensions of 72 x 61 x 24 mm, it offers a compact solution for RF network applications.

Manufactured by Powertec, a leading Australian company in wireless technology and systems integration, this component is supported by their extensive...

[Read More](#)



## RF Specification

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

Port Matrix

Port Function	RF Interface
Input	4.3-10 Female
Output	4.3-10 Female

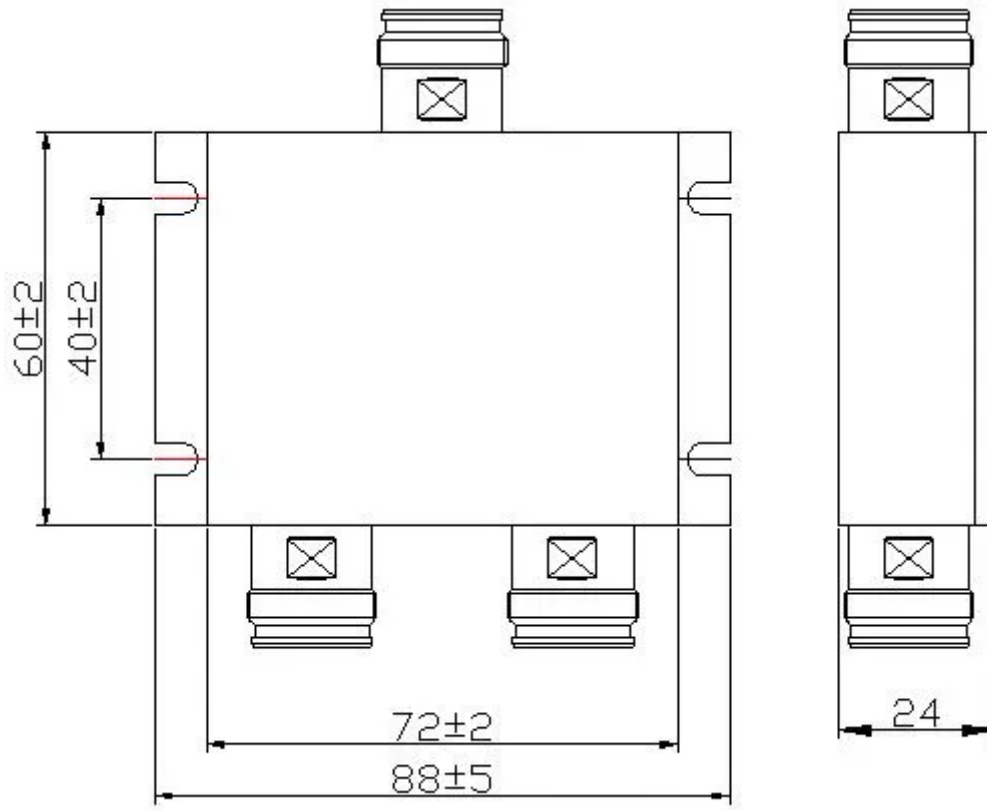
#### Frequency Test Data

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	Min. Operating Temperature:	-30 °C
Output Ports:	2	Max. Operating Temperature:	65 °C
Subtype:	Power Divider		
Ingress Protection:	IP60		
Dimensions:	72 x 61 x 24		
Weight:	0.24 kg		

# 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.

