

Powertec RF Power Divider 2-Way, 698 to 3800 MHz, N Female, Wilkinson

Model Number

PCM-WPD2-6938.N2

GTIN-13

9337692004339

Component Type

Power Divider

Usage

IBC / DAS

RF Category

Cellular



Power Dividers are used to connect multiple antennas to a single RF device, or connect a single antenna to multiple RF devices. They operate as both a Splitter and a Coupler depending on their orientation.

Powertec's range of power dividers have been designed for use in 4G-5G transmission and in-building coverage systems, supporting a wide frequency range from 700 to 3800 MHz, and using sturdy N connectors for maximum compatibility. The model provides exceptional inter-port isolation between coupled and output ports.

- 3 dB coupling value
- Low insertion loss
- Easy mounting, compact
- N Female connectors for maximum compatibility

Component Technical Data

PHYSICAL CHARACTERISTICS

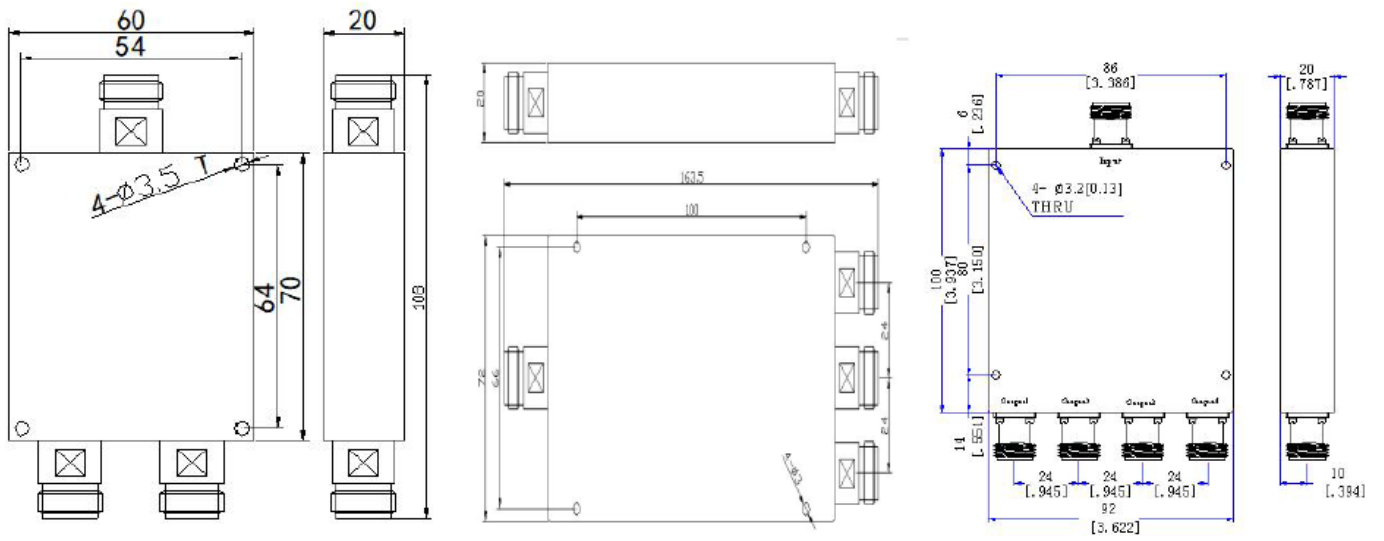
Construction Material	Aluminium	RF Connections	3
Finish	Powder Coat	Environmental Rating	IP45
Dimensions	103 x 60 x 20 mm	Operating Temperature	-25 °C to 70 °C
Weight	360 g	Mounting	Screw / Bolt

RF PERFORMANCE

Input Ports	1	Output Ports	2
Frequency Range	698 to 3800 MHz	Input Impedance	50 Ω
Inter-Port Isolation	> 22 dB	VSWR	< 1.3:1
Max. Input Power	> 50 W	PIM, 3 rd Order	< -110 dBc

PORT NUMBER	FUNCTION	INSERTION LOSS	CONNECTOR
Port #1	Input	0.9 dB	N Female
Port #2	Coupled	3.00 dB	N Female
Port #3	Output	3.00 dB	N Female

CAD Drawing



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