Powertec Wireless Technology
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Powertec RF Attenuator, 10 dB, 4.3-10 Female to 4.3-10 Male

SKU
IBC-PT-00029
MPN
PCM-AT10-DC38.432
Barcode
9337692001666

Description

The Powertec RF Attenuator (SKU: IBC-PT-00029, Part Number: PCM-AT10-DC38.432) offers a reliable 10 dB attenuation across frequencies from 0 MHz to 3000 MHz. Designed with a 4.3-10 Female to 4.3-10 Male connector configuration, it ensures seamless integration within RF systems. This unit features a compact design with dimensions of 60 x 19.5 mm and is equipped with an IP60 ingress protection rating, safeguarding against dust.

With an operating temperature range from -35 °C to 65 °C, the attenuator is suitable for various environmental conditions. It maintains an input impedance of 50 Ω and demonstrates excellent performance with a VSWR of less than 1.2:1 up to 3000 MHz. Manufactured by Powertec, a renowned Australian company, this product is part of their extensive range of RF passives, contributing to effective cellular network enhancement and wireless network development.

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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
0 MHz
Max. Frequency
3000 MHz
Attenuation (Fixed)
10 dB
Input Impedance
50 Ω
Max. Input Power
5 W
Port Matrix

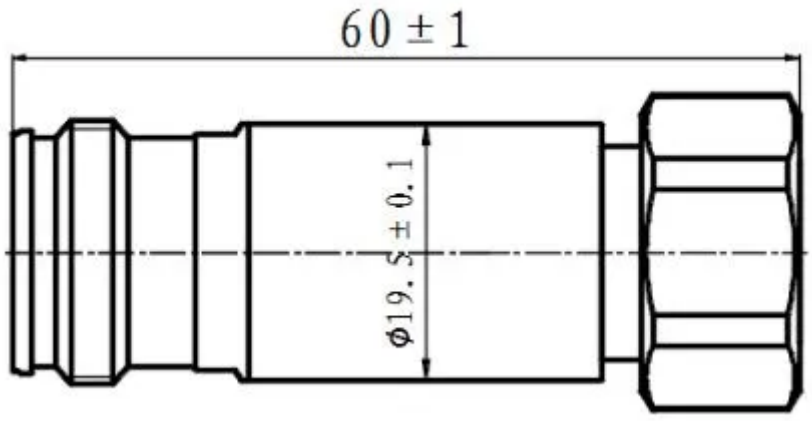
Port Function	RF Interface
Input	4.3-10 Male
Output	4.3-10 Female

Frequency Test Data

Start Frequency	Stop Frequency	VSWR
0 MHz	3000 MHz	< 1.2:1

Physical Specification

Subtype
Attenuator
Ingress Protection
IP60
Dimensions
60 x 19.5 x null
Weight
0.1 kg
Min. Operating Temperature
-35 °C
Max. Operating Temperature
65 °C
Drawing



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