

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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RF Specification

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

Port Matrix

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

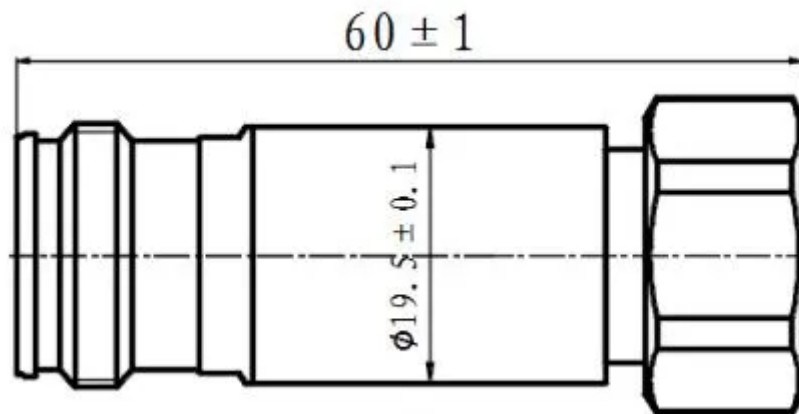
Frequency Test Data

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

Physical Specification

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

Drawing



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