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Powertec Wireless Technology  
ABN: 42 082 948 463  
PO Box 1034, Ashmore City  
Queensland, Australia, 4214  
sales@powertec.com.au  
1300 769 378

## **PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 10m**

SKU  
IBC-PT-00012  
MPN  
CA-P400-431SA1.10

### **Description**

The PTL-400 Coaxial Cable (SKU: IBC-PT-00012) from Powertec is a high-performance RF cable featuring 4.3-10 Male to SMA Male connectors. With a length of 10 metres, this PTL-400 series cable is designed for wireless communication systems, supporting frequencies up to 6 GHz. The cable features an L-400 class low loss design with a 10.29 mm outer diameter, ensuring minimal signal degradation.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 provides exceptional RF shielding exceeding 90 dB. Its durable PE jacket ensures a service life of over 20 years and withstands more than 500 mating cycles, making it ideal for long-term use. The cable is flexible, facilitating easy installation in various settings.

This product meets ISO 9001 Quality Management and RoHS compliance standards, guaranteeing high-quality and environmentally friendly manufacturing. One end features a 4.3-10 Male connector...

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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

Start Frequency

0 GHz

Stop Frequency

6 GHz

## Physical Specification

Subtype

[Feeder Cable](#)

Mating Cycles

> 500

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

[RoHS](#)

Length

10 m

Weight

1050 g

## RF Connectors

### RF Interface Body Shape Mounting

[4.3-10 Male](#)   [Straight](#)   [Free Hanging](#)

[SMA Male](#)   [Straight](#)   [Free Hanging](#)

### **PTL-400**

Min. Frequency

0 GHz

Impedance

50  $\Omega$

Min. Bend Radius Static

25.4 mm

Min. Bend Radius Dynamic

101.6 mm

Max. Frequency

6 GHz

Shielding Effectiveness

> 90 dB

Colour

Black

Weight (g/m)

100 g

Cable Layers

Layer	Diameter	Materials
Inner Conductor	2.74 mm	<a href="#">Copper Clad Aluminium (CCA)</a>
Dielectric	7.24 mm	<a href="#">Foamed Polyethylene (EPE)</a>
Outer Conductor	7.39 mm	<a href="#">Aluminium Foil (Bonded)</a>
Outer Conductor	8.13 mm	<a href="#">Tinned Copper Braid (TC)</a> , <a href="#">Tinned Copper Clad AlMg</a>
Outer Jacket	10.29 mm	<a href="#">Polyethylene (PE)</a>

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