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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 30m

SKU
IBC-PT-00016
MPN
CA-P400-431SA1.30
Barcode
9337692002304

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00016) from Powertec is a high-performance RF cable designed for wireless communication systems. This 30m cable features a 4.3-10 Male to SMA Male connection and belongs to the PTL-400 series, known for its low-loss properties and durability.

With a 10.29 mm outer diameter, the PTL-400 supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level systems. The cable's flexible design includes a double outer conductor made of aluminium tape and tinned copper braiding, offering RF shielding that exceeds 90 dB. Its PE jacket ensures a service life surpassing 20 years.

The cable is robust, enduring over 500 mating cycles, and complies with ISO 9001 Quality Management and RoHS certifications. It features a straight body shape and free-hanging mounting style for both connectors, ensuring ease of installation.

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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

30 m

Weight

3050 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 Ω

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	Copper Clad Aluminium (CCA)
Dielectric	7.24 mm	Foamed Polyethylene (EPE)
Outer Conductor	7.39 mm	Aluminium Foil (Bonded)
Outer Conductor	8.13 mm	Tinned Copper Braid (TC) , Tinned Copper Clad AlMg
Outer Jacket	10.29 mm	Polyethylene (PE)

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