

# PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 40m

SKU: IBC-PT-00009

MPN: CA-P400-431431.40

Barcode: 9337692002236

## Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00009) by Powertec is a high-performance RF cable ideal for wireless communications systems. Designed for frequencies up to 6 GHz, this 40m cable features 4.3-10 Male connectors on both ends, with a straight, free-hanging mounting style. The PTL-400 series is renowned for its low loss, boasting a 10.29 mm diameter and a double-shielded outer conductor made from aluminium tape and tinned copper braiding, delivering exceptional RF shielding over 90 dB.

This flexible coaxial cable is encased in a durable PE jacket, ensuring a service life of over 20 years and withstands more than 500 mating cycles, making it highly reliable for long-term use. Weighing 4050 g, it meets ISO 9001 Quality Management and RoHS certifications, ensuring superior quality and compliance.

Powertec, an Australian-based brand, has been a leader in wireless technology since 1995, offering comprehensive solutions in cellular network...

[Read More](#)



## RF Specification

Start Frequency:

0 GHz

Stop Frequency:

6 GHz



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 ...

## Physical Specification

Subtype:	Feeder Cable	Length:	40 m
Mating Cycles:	> 500	Weight:	4050 g
Compliance/Certifications:	ISO 9001 Quality Management		
RoHS			

#### RF Connectors

RF Interface	Body Shape	Mounting
4.3-10 Male	Straight	Free Hanging
4.3-10 Male	Straight	Free Hanging

## PTL-400

Min. Frequency:	0 GHz	Max. Frequency:	6 GHz
Impedance:	50	Shielding Effectiveness:	> 90 dB
Min. Bend Radius Static:	25.4 mm	Colour:	Black
Min. Bend Radius Dynamic:	101.6 mm	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)

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

