

# PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 50m

SKU: IBC-PT-00010

MPN: CA-P400-431431.50

Barcode: 9337692002243

## Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00010) by Powertec is a high-performance RF cable designed for wireless communication systems. It features 4.3-10 Male connectors on both ends and measures 50 metres in length. This cable belongs to the PTL-400 series, known for its L-400 class low-loss properties and 10.29 mm outer diameter. It supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications.

Constructed with a double outer conductor of aluminium tape and tinned copper braiding, the PTL-400 offers exceptional RF shielding of over 90 dB. Its durable PE jacket ensures a service life exceeding 20 years, and the cable is rated for over 500 mating cycles. The PTL-400 complies with ISO 9001 Quality Management and RoHS standards, ensuring reliable and safe operation.

Powertec, an Australian-based company with over 25 years of experience, specialises in wireless technology solutions. The PTL-400 Coaxial Cable...

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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
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# Physical Specification

Subtype:	Feeder Cable	Length:	50 m
Mating Cycles:	> 500	Weight:	5050 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)

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