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 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...

Read More



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
50 m
Weight
5050 g

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
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)

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.

