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 15m

SKU
IBC-PT-00005
MPN
CA-P400-431431.15
Barcode
9337692002199

Description

The PTL-400 Coaxial Cable, part number CA-P400-431431.15, is a premium RF cable from Powertec, designed for high-performance wireless communication systems. This 15m cable features 4.3-10 Male connectors on both ends, offering a straight body shape and free hanging mounting style. Engineered with a 10.29 mm outer diameter, the PTL-400 is an L-400 class low loss coaxial cable that supports frequencies up to 6 GHz, making it ideal for a range of applications from entry to intermediate-level systems.

The cable's construction includes a double outer conductor of aluminium tape and tinned copper braiding, which ensures superior RF shielding exceeding 90 dB. Encased in a durable PE jacket, the PTL-400 is built to last over 20 years and withstand more than 500 mating cycles. Weighing 1550 grams, this flexible cable meets ISO 9001 Quality Management and RoHS certifications for assured quality and environmental compliance.

Powertec, an Australian...

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
15 m
Weight
1550 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.

