

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.

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RF Specification

Start Frequency:	0 GHz	Stop Frequency:	6 GHz
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Physical Specification

Subtype:	Feeder Cable	Length:	15 m
Mating Cycles:	> 500	Weight:	1550 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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