

# PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 30m

SKU: IBC-PT-00008

MPN: CA-P400-431431.30

Barcode: 9337692002229

## Description

The PTL-400 Coaxial Cable from Powertec, model CA-P400-431431.30, is a high-performance RF cable designed for wireless communication systems. With a 10.29 mm outer diameter, this L-400 class low loss cable supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications. Its robust construction features a flexible double shielded outer conductor, incorporating both aluminium tape and tinned copper braiding, providing exceptional RF shielding of over 90 dB. The cable is encased in a durable PE jacket, ensuring a service life exceeding 20 years.

Measuring 30 metres and weighing 3050 grams, the PTL-400 is built to endure over 500 mating cycles, guaranteeing reliability in demanding environments. It is equipped with 4.3-10 Male connectors on both ends, each with a straight body and free-hanging mounting style, ensuring secure and stable connections.

In terms of compliance, the cable meets ISO 9001 Quality...

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# RF Specification

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

Subtype:	Feeder Cable	Length:	30 m
Mating Cycles:	> 500	Weight:	3050 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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