

# PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 15m

SKU: IBC-PT-00013

MPN: CA-P400-431SA1.15

Barcode: 9337692002274

## Description

The PTL-400 Coaxial Cable, featuring a 4.3-10 Male to SMA Male connection and measuring 15m, is a premium RF cable from Powertec, part number CA-P400-431SA1.15. Designed for wireless communication systems, it supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level applications.

Constructed from PTL-400 L-400 class low loss coaxial material, this cable boasts a 10.29 mm outer diameter and a flexible design due to its double outer conductor of aluminium tape and tinned copper braiding. This configuration provides outstanding RF shielding exceeding 90 dB and is encased in a durable PE jacket, ensuring a service life of over 20 years and resistance to more than 500 mating cycles.

The cable ends are equipped with a 4.3-10 Male connector and an SMA Male connector, both featuring a straight body and free-hanging mounting style. Weighing 1550 grams, this assembly complies with ISO 9001 Quality Management and RoHS...

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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
SMA 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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