

# PTL-400 Coaxial Cable 4.3-10 Male to SMA Male 5m

SKU: IBC-PT-00011

MPN: CA-P400-431SA1.5

Barcode: 9337692002250

## Description

The PTL-400 Coaxial Cable, 4.3-10 Male to SMA Male, 5m (SKU: IBC-PT-00011), exemplifies Powertec's commitment to quality in RF cable solutions. Designed for wireless communication systems, this L-400 class low-loss cable has a 10.29 mm outer diameter and supports frequencies up to 6 GHz, making it ideal for entry to intermediate-level applications.

Constructed as a flexible cable, the PTL-400 features a double outer conductor of aluminium tape and tinned copper braiding, ensuring RF shielding exceeds 90 dB. The durable PE jacket guarantees a service life of over 20 years. The cable length is 5 metres, weighing 550 grams, and it is rated for more than 500 mating cycles.

The cable assembly meets ISO 9001 Quality Management and RoHS standards, underlining its compliance and reliability. It features a 4.3-10 Male connector and an SMA Male connector, both with a Straight body shape and Free Hanging mounting style, ensuring versatile...

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# RF Specification

Start Frequency: 0 GHz Stop Frequency: 6 GHz

## Physical Specification

Subtype:	Feeder Cable	Length:	5 m
Mating Cycles:	> 500	Weight:	550 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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