

PTL-400 Coaxial Cable 4.3-10 Male to 4.3-10 Male 40m

SKU: IBC-PT-00009

MPN: CA-P400-431431.40

Barcode: 9337692002236

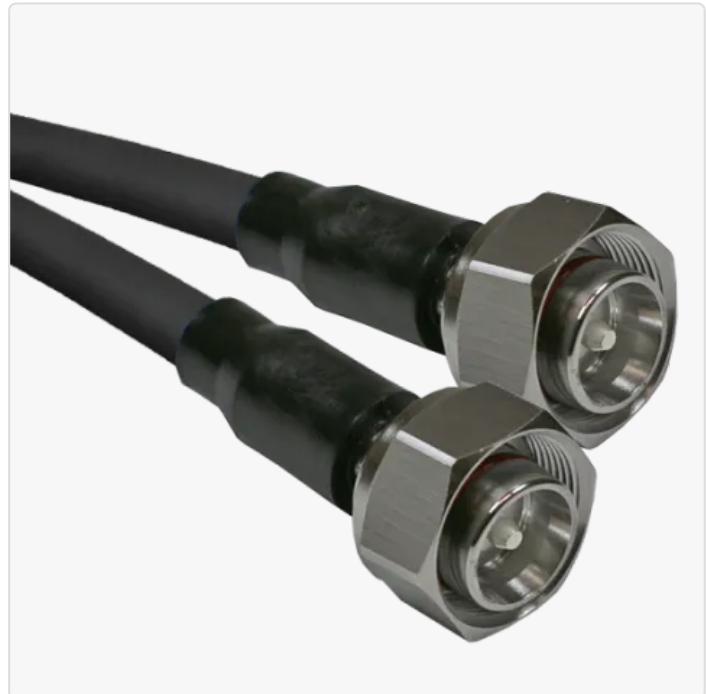
Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00009) by Powertec is a high-performance RF cable ideal for wireless communications systems. Designed for frequencies up to 6 GHz, this 40m cable features 4.3-10 Male connectors on both ends, with a straight, free-hanging mounting style. The PTL-400 series is renowned for its low loss, boasting a 10.29 mm diameter and a double-shielded outer conductor made from aluminium tape and tinned copper braiding, delivering exceptional RF shielding over 90 dB.

This flexible coaxial cable is encased in a durable PE jacket, ensuring a service life of over 20 years and withstands more than 500 mating cycles, making it highly reliable for long-term use. Weighing 4050 g, it meets ISO 9001 Quality Management and RoHS certifications, ensuring superior quality and 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:	40 m
Mating Cycles:	> 500	Weight:	4050 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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