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

SKU
IBC-PT-00016
MPN
CA-P400-431SA1.30
Barcode
9337692002304

Description

The PTL-400 Coaxial Cable (SKU: IBC-PT-00016) from Powertec is a high-performance RF cable designed for wireless communication systems. This 30m cable features a 4.3-10 Male to SMA Male connection and belongs to the PTL-400 series, known for its low-loss properties and durability.

With a 10.29 mm outer diameter, the PTL-400 supports frequencies up to 6 GHz, making it ideal for entry- to intermediate-level systems. The cable's flexible design includes a double outer conductor made of aluminium tape and tinned copper braiding, offering RF shielding that exceeds 90 dB. Its PE jacket ensures a service life surpassing 20 years.

The cable is robust, enduring over 500 mating cycles, and complies with ISO 9001 Quality Management and RoHS certifications. It features a straight body shape and free-hanging mounting style for both connectors, ensuring ease of installation.

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RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz

Physical Specification

Subtype
Feeder Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,
RoHS
Length
30 m
Weight
3050 g

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
Impedance
50 Ω
Min. Bend Radius Static
25.4 mm
Min. Bend Radius Dynamic
101.6 mm
Max. Frequency
6 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
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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