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L-195 Patch Cable SMA Male to SMA Male, 1m

SKU
ACC-PT-00103
MPN
CA-195-SA1SA1.100
Barcode
9337692000072

Description

The L-195 Patch Cable, SKU: ACC-PT-00103, by Powertec is a high-performance RF coaxial cable designed for versatile use in HF/UHF/VHF and 4G applications. Featuring SMA Male connectors on both ends, the cable offers a straight body shape and free-hanging mounting style. As part of the PTL-195 series, this low-loss cable measures 1 metre in length with a 4.95 mm outer diameter, providing a superior alternative to the RG-58 cable.

It supports frequencies up to 6 GHz, making it ideal for short-length high-frequency applications. The cable is lightweight at 80 grams and boasts flexibility for easy installation. Engineered for durability, it can endure over 500 mating cycles. The L-195 Patch Cable delivers excellent performance with a VSWR of ≤ 1.4:1 and insertion loss of 0.75 dB at 3000 MHz, and 1.2 dB at 6000 MHz.

This cable meets ISO 9001 Quality Management and RoHS certifications, ensuring compliance with international standards. As a...

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Powertec is a wireless technology manufacturer and systems integrator based in Australia. Operating since 1995, Powertec has grown to become the leading wireless technology distributor in its region, and a leading Infratech systems developer. Supporting over 1500 partners the company provides procurement, design, project management, and support services across Australia, New Zealand, Pacific ...

RF Specification

Start Frequency
0 GHz
Stop Frequency
6 GHz
VSWR Measurement

Frequency	VSWR	Insertion Loss
3000 MHz	≤ 1.4:1	0.75 dB
6000 MHz	≤ 1.4:1	1.2 dB

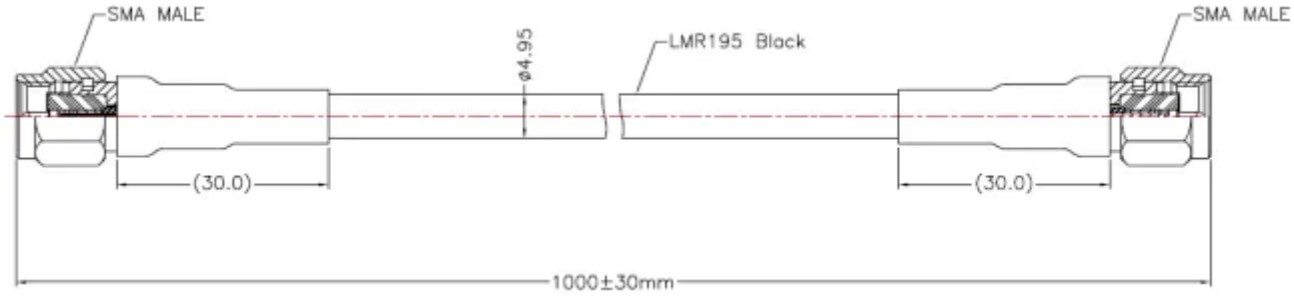
Physical Specification

Subtype
Patch Cable
Mating Cycles
> 500
Compliance/Certifications
ISO 9001 Quality Management
,

RoHS
Length
1 m
Weight
80 g
RF Connectors

RF Interface	Body Shape	Mounting
SMA Male	Straight	Free Hanging
SMA Male	Straight	Free Hanging

Drawing



PTL-195

Min. Frequency
0 GHz
Impedance
50 Ω
Min. Bend Radius Static
12.7 mm
Min. Bend Radius Dynamic
50.8 mm
Max. Frequency
6 GHz
Shielding Effectiveness
> 90 dB
Colour
Black
Weight (g/m)
30 g
Cable Layers

Layer	Diameter	Materials
Inner Conductor	0.94 mm	Solid Copper
Dielectric	2.97 mm	Foamed Polyethylene (EPE)
Outer Conductor	2.95 mm	Aluminium Foil (Bonded)

Layer	Diameter	Materials
Outer Conductor	3.53 mm	Tinned Copper Braid (TC)
Outer Jacket	4.95 mm	Polyethylene (PE)

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