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## **L-195 Patch Cable N Female to SMA Male 40cm**

SKU  
ACC-PT-00110  
MPN  
CA-L19-N2SA1.040  
Barcode  
9337692000096

## Description

The L-195 Patch Cable, N Female to SMA Male, 40cm (SKU: ACC-PT-00110), is a high-performance RF coaxial cable from Powertec, part number CA-L19-N2SA1.040. Featuring the PTL-195 series low-loss coaxial design, this cable offers a compact 4.95 mm outer diameter, making it an ideal upgrade from the RG-58 for applications requiring higher performance. Supporting frequencies up to 6 GHz, it is suitable for HF, UHF, VHF, and short-length high-frequency applications such as 4G.

The cable is 0.4 m long and weighs 62 grams, providing flexibility and ease of installation. It is designed to endure over 500 mating cycles, ensuring durability in various settings. The operating frequency range extends from 0 GHz to 6 GHz, with compliance to ISO 9001 and RoHS standards ensuring quality and safety.

Equipped with an N Female connector with a Straight Bulkhead mounting on one end, and an SMA Male connector with a Straight Free Hanging mounting on the other...

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## Powertec

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     $\leq 1.4:1$  0.3 dB

6000 MHz     $\leq 1.4:1$  0.48 dB

## Physical Specification

Subtype

[Patch Cable](#)

Mating Cycles

> 500

Compliance/Certifications

[ISO 9001 Quality Management](#)

,

## [RoHS](#)

Length

0.4 m

Weight

62 g

## RF Connectors

### RF Interface Body Shape Mounting

[N Female](#)

[Straight](#)

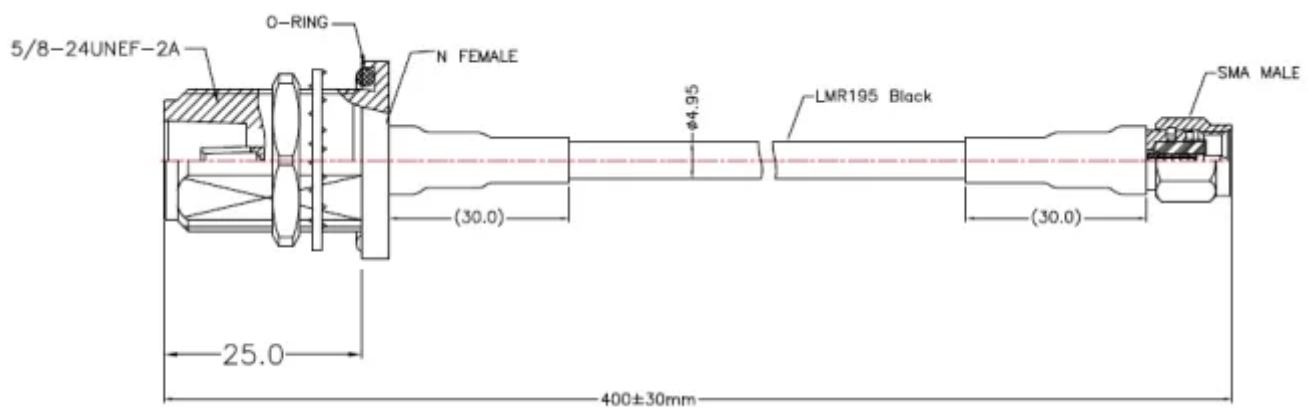
[Bulkhead](#)

[SMA Male](#)

[Straight](#)

[Free Hanging](#)

Drawing



## [PTL-195](#)

Min. Frequency

0 GHz

Impedance

50  $\Omega$

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	<a href="#">Solid Copper</a>
Dielectric	2.97 mm	<a href="#">Foamed Polyethylene (EPE)</a>
Outer Conductor	2.95 mm	<a href="#">Aluminium Foil (Bonded)</a>
Outer Conductor	3.53 mm	<a href="#">Tinned Copper Braid (TC)</a>
Outer Jacket	4.95 mm	<a href="#">Polyethylene (PE)</a>

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