

# 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

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# RF Specification

|                  |       |                 |       |
|------------------|-------|-----------------|-------|
| Start Frequency: | 0 GHz | Stop Frequency: | 6 GHz |
|------------------|-------|-----------------|-------|

## VSWR Measurement

| Frequency | VSWR    | Insertion Loss |
|-----------|---------|----------------|
| 3000 MHz  | ≤ 1.4:1 | 0.3 dB         |
| 6000 MHz  | ≤ 1.4:1 | 0.48 dB        |

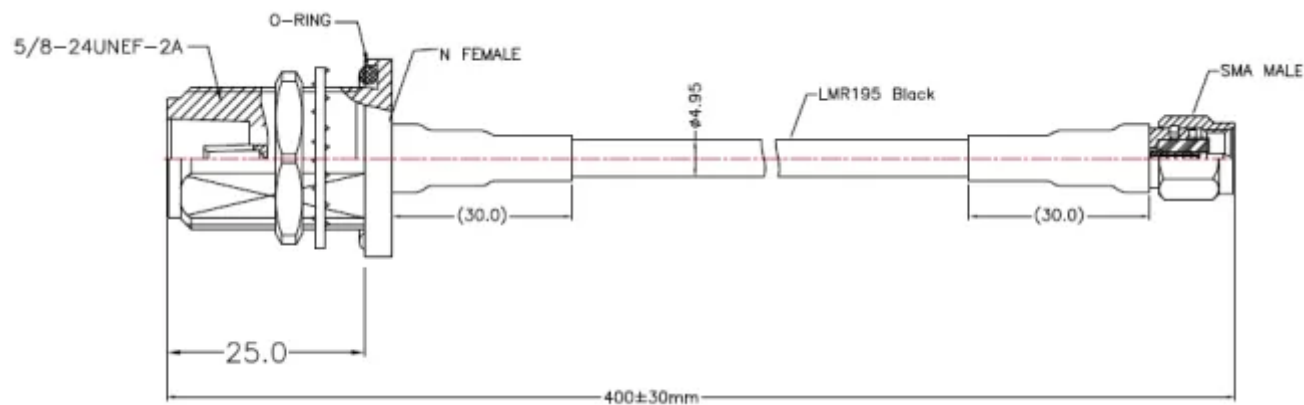
# Physical Specification

|                            |                             |         |       |
|----------------------------|-----------------------------|---------|-------|
| Subtype:                   | Patch Cable                 | Length: | 0.4 m |
| Mating Cycles:             | > 500                       | Weight: | 62 g  |
| Compliance/Certifications: | ISO 9001 Quality Management |         |       |
| RoHS                       |                             |         |       |

# RF Connectors

| RF Interface | Body Shape | Mounting     |
|--------------|------------|--------------|
| N Female     | Straight   | Bulkhead     |
| SMA Male     | Straight   | Free Hanging |

# Drawing



## PTL-195

|                           |         |                          |         |
|---------------------------|---------|--------------------------|---------|
| Min. Frequency:           | 0 GHz   | Max. Frequency:          | 6 GHz   |
| Impedance:                | 50      | Shielding Effectiveness: | > 90 dB |
| Min. Bend Radius Static:  | 12.7 mm | Colour:                  | Black   |
| Min. Bend Radius Dynamic: | 50.8 mm | 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)   |
| Outer Conductor | 3.53 mm  | Tinned Copper Braid (TC)  |
| Outer Jacket    | 4.95 mm  | Polyethylene (PE)         |

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