

L-195 Patch Cable SMA Male to FME Male, 30cm

SKU: ACC-PT-00108

MPN: CA-195-SA1FM1.030

Barcode: 9337692000089

Description

The L-195 Patch Cable (SKU: ACC-PT-00108) from Powertec is a premium coaxial cable designed for RF applications. With a length of 30 cm, this SMA Male to FME Male cable features the PTL-195 type, known for its low-loss performance and 4.95 mm outer diameter, making it an ideal alternative to the RG-58 cable. It supports frequencies up to 6 GHz, suitable for HF, UHF, VHF, and short-length high-frequency applications such as 4G.

The cable is engineered for flexibility, easy installation, and lightweight use, weighing just 59 grams. It is durable, withstanding over 500 mating cycles, and operates effectively within the 0 to 3 GHz frequency range. The connectors feature a straight body shape and free-hanging mounting style for both the SMA Male and FME Male ends.

This cable assembly adheres to ISO 9001 Quality Management and RoHS certifications, ensuring high quality and environmental compliance. With a VSWR of $\leq 1.3:1$ at 3000 MHz, the L-195...

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RF Specification

| | | | |
|------------------|-------|-----------------|-------|
| Start Frequency: | 0 GHz | Stop Frequency: | 3 GHz |
|------------------|-------|-----------------|-------|

VSWR Measurement

| Frequency | VSWR |
|-----------|---------|
| 3000 MHz | ≤ 1.3:1 |

Physical Specification

| | | | |
|----------------------------|-----------------------------|---------|-------|
| Subtype: | Patch Cable | Length: | 0.3 m |
| Mating Cycles: | > 500 | Weight: | 59 g |
| Compliance/Certifications: | ISO 9001 Quality Management | | |
| RoHS | | | |

RF Connectors

| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| SMA Male | Straight | Free Hanging |
| FME Male | Straight | Free Hanging |



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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