

PTL-195 Patch Cable, SMA Female to FME Male 15cm

SKU: ACC-PT-00149

MPN: CA-195-SA2F1.015

Description

The PTL-195 Patch Cable (SKU: ACC-PT-00149) by Powertec is a high-performance RF coaxial cable designed for efficient signal transmission in various applications. This cable features an SMA Female to FME Male connection and is 15 cm long, weighing 55 grams. Constructed from PTL-195, an L-195 series low-loss coaxial cable with a 4.95 mm outer diameter, it offers superior performance compared to the RG-58 standard. It supports frequencies up to 6 GHz, making it ideal for HF, UHF, and VHF applications and suitable for short lengths in higher frequency uses, such as 4G.

The PTL-195 Patch Cable is engineered for flexibility, easy installation, and durability, enduring over 500 mating cycles. It operates effectively within a 0 GHz to 1 GHz frequency range. Compliance with ISO 9001 Quality Management and RoHS certifications ensures reliable quality and environmental responsibility.

Both connectors have a straight body shape and free-hanging...

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RF Specification

| | | | |
|------------------|-------|-----------------|-------|
| Start Frequency: | 0 GHz | Stop Frequency: | 1 GHz |
|------------------|-------|-----------------|-------|

Physical Specification

| | | | |
|----------------------------|-----------------------------|---------|--------|
| Subtype: | Patch Cable | Length: | 0.15 m |
| Mating Cycles: | > 500 | Weight: | 55 g |
| Compliance/Certifications: | ISO 9001 Quality Management | | |
| RoHS | | | |

RF Connectors

| RF Interface | Body Shape | Mounting |
|--------------|------------|--------------|
| SMA Female | 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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