

# 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
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### 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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