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SMA Male Connector for RG-58 / L-195 Coaxial Cable

SKU: ACC-PT-00055

MPN: SA1-C-L195

Barcode: 9337692000904

Description

The SMA Male Connector for RG-58/L-195 Coaxial Cable (SKU: ACC-PT-00055), developed by Powertec under part number SA1-C-L195, is a high-quality RF connector designed for reliable performance. This connector features a straight, free-hanging mount and utilises a solder attachment for secure connection to L-195 cable types. Constructed from brass with gold plating, it ensures excellent conductivity and durability, while the PTFE/Teflon insulator provides robust electrical insulation.

Designed to operate effectively within a temperature range of -65 °C to 165 °C, this SMA Male Connector supports a wide frequency range from 0 to 6.0 GHz, making it suitable for various RF applications. It offers an input impedance of 50 Ω and maintains a VSWR of ≤ 1.25:1 at 6000 MHz, ensuring minimal signal reflection and optimal performance.

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RF Connector Interface

RF Interface	Body Shape	Mounting
SMA Male	Straight	Free Hanging

RF Specification

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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 ...

Start Frequency:	0 GHz	Input Impedance:	50
Stop Frequency:	6 GHz		

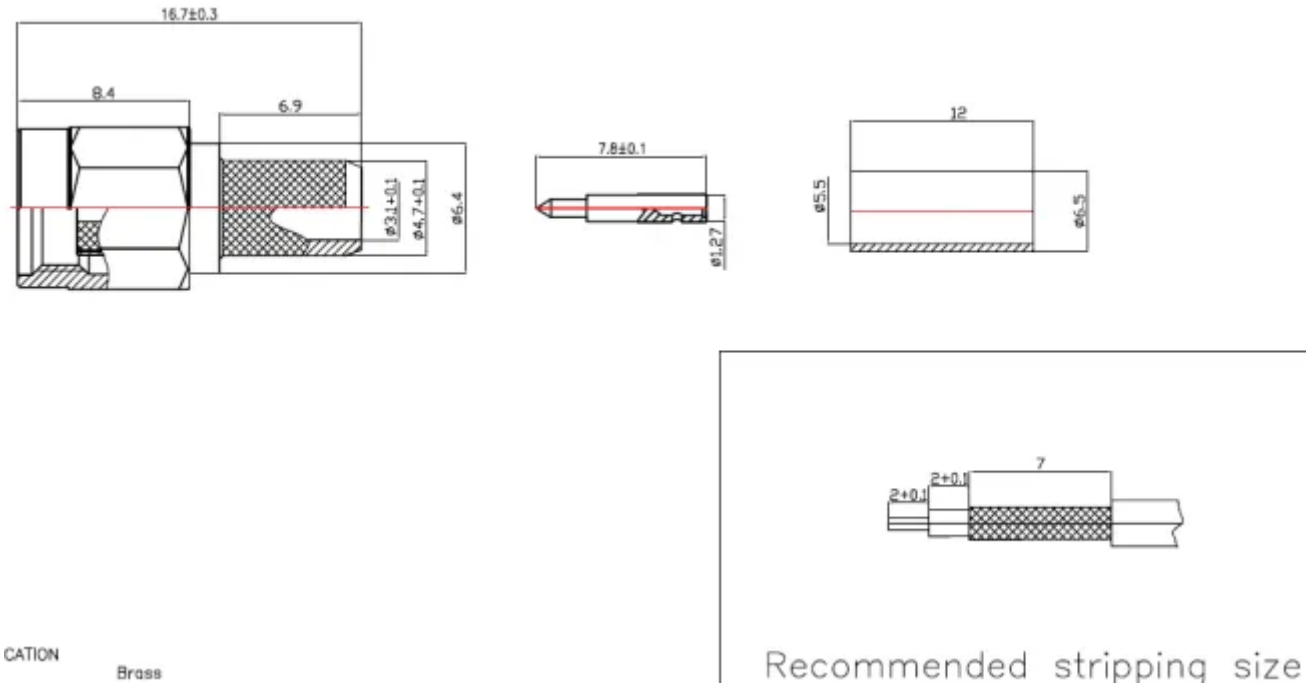
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.25:1

Physical Specification

Cable Group:	L-195	Conductor Attachment:	Cable, Solder
Body Material:	Brass	Contact Material:	Brass
Body Plating:	Gold	Contact Plating:	Gold
Insulator Material:	PTFE / Teflon	Min. Operating Temperature:	-65 °C
Dimensions:	16.7 × 6.4	Max. Operating Temperature:	165 °C

Drawing



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