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

SKU
ACC-PT-00055
MPN
SA1-C-L195
Barcode
9337692000904

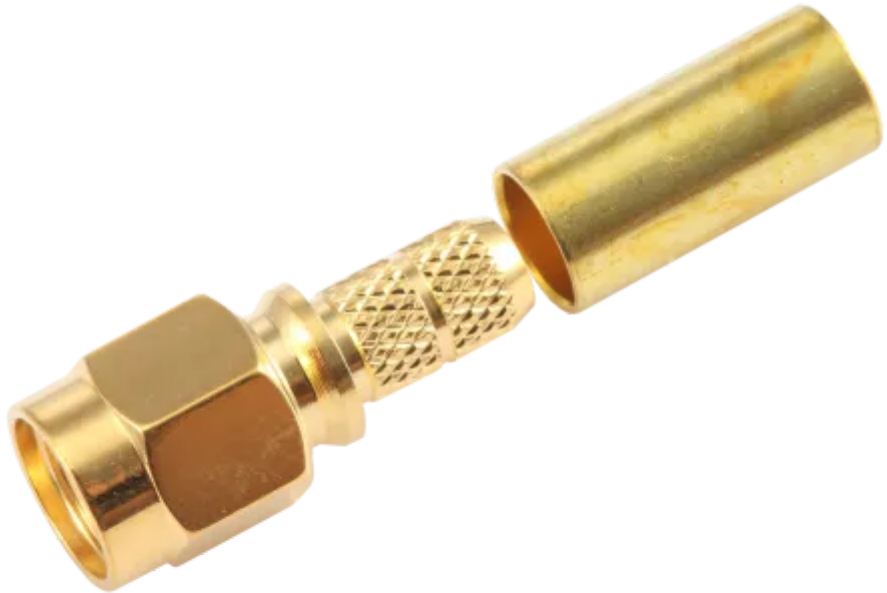
Description

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

Start Frequency
0 GHz
Stop Frequency
6 GHz
Input Impedance
50 Ω
VSWR Measurement

Frequency	VSWR
6000 MHz	≤ 1.25:1

Physical Specification

Cable Group
L-195
Body Material

Brass

Body Plating

Gold

Insulator Material

PTFE / Teflon

Dimensions

16.7 × 6.4

Conductor Attachment

Cable, Solder

Contact Material

Brass

Contact Plating

Gold

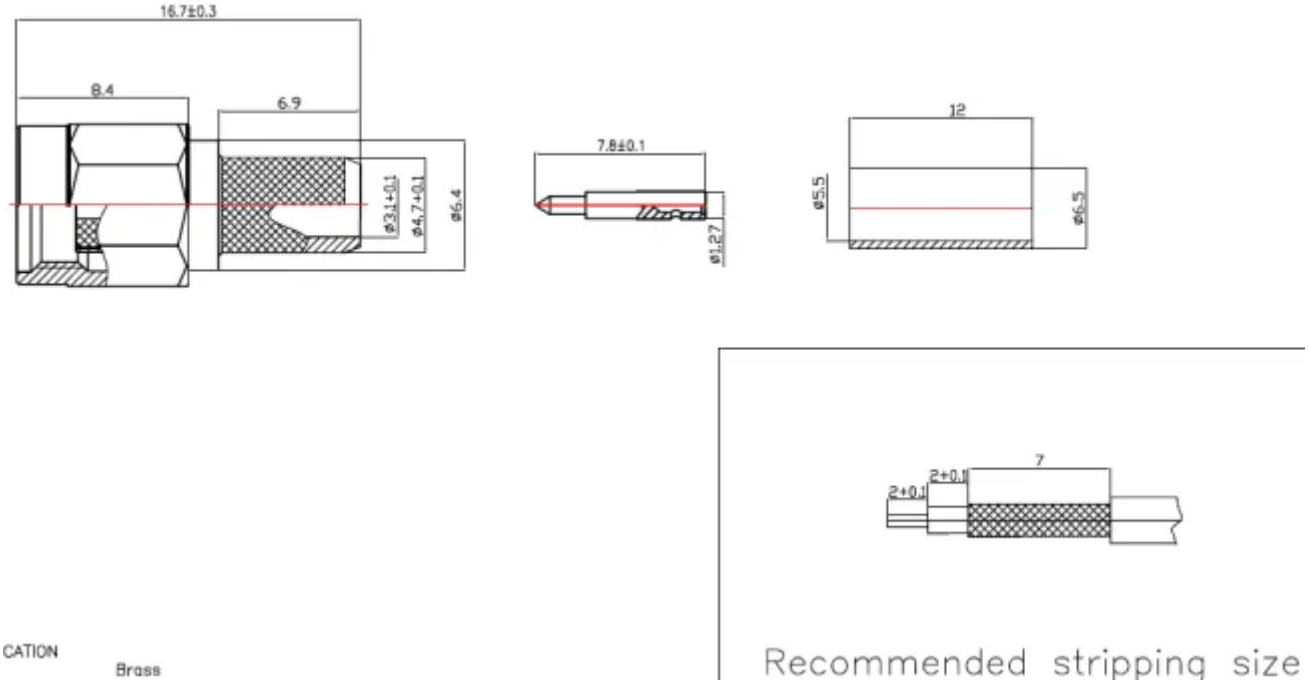
Min. Operating Temperature

-65 °C

Max. Operating Temperature

165 °C

Drawing



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