

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 | Input Impedance: | 50 |
| Stop Frequency: | 6 GHz | | |

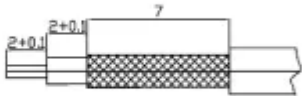
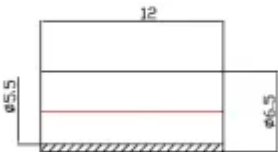
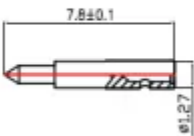
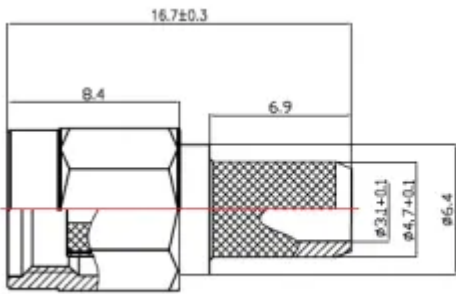
VSWR Measurement

| 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



CATION

Brass

Recommended stripping size

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