

# 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  $\Omega$  and maintains a VSWR of  $\leq 1.25:1$  at 6000 MHz, ensuring minimal signal reflection and optimal performance.

Powertec, an Australian-based leader in wireless technology since 1995, delivers extensive expertise in cellular...

[Read More](#)



# RF Connector Interface

<b>RF Interface</b>	<b>Body Shape</b>	<b>Mounting</b>
SMA Male	Straight	Free Hanging

## RF Specification

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

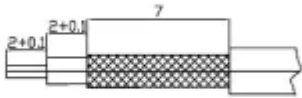
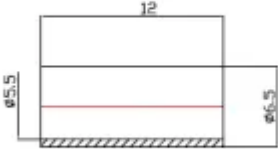
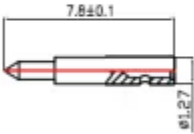
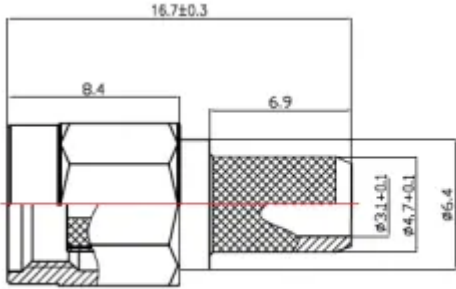
### VSWR Measurement

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

Disclaimer: Although care has been taken to ensure the accuracy, completeness and reliability of the information provided, Powertec assumes no responsibility therefore. The user of the information agrees that the information is subject to change without notice. Powertec assumes no responsibility for the consequences of use of such information, nor for any infringement of third party intellectual property rights which may result from its use. IN NO EVENT SHALL POWERTEC BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, OR INCIDENTAL DAMAGE RESULTING FROM, ARISING OUT OF OR IN CONNECTION WITH THE USE OF THE INFORMATION.

