

SMA Male Crimp for RG174, 188, 316 Cable



BAC03A

Configuration

- SMA Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: RG174, RG188, RG316

Features

- Associated bulk cable and crimp tools available
- Designed for crimp style attachment to RG174/188/316 coaxial cable
- Gold plated contact pins to minimize signal loss
- Nickel plated body for enhanced corrosion resistance

Applications

- Premise wiring
- Coaxial cable assembly
- Coaxial cable installation
- Coaxial cable repair

Description

This male SMA connector is designed for crimp attachment to RG174, RG188 and RG316 coaxial cable utilizing readily-available crimp tools with standard crimp sizes: .128" for the crimp ferrule and .042" for the pin. This 50 Ohm subminiature connector utilizes a threaded coupling mechanism making it a popular choice in higher frequency applications.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Dielectric Withstanding Voltage (AC)			1,500	Vrms
Inner Conductor DC Resistance			3	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms
Impedance		50		Ohms

Mechanical Specifications

Size

Material Specifications

Description	Material	Plating
Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Gasket	Rubber	
Crimp Sleeve	Copper	Nickel

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Environmental Specifications

Temperature

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

SMA Male Crimp for RG174, 188, 316 Cable from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/coaxial-sma-male-crimp-for-rg174-188-316-cable-p.aspx>

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BAC03A CAD Drawing

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