

SMA Male to Reverse Polarity SMA Male Cable Assembly using RG223 Coax, 10 FT

LCCA30358-FT10



Configuration

- · Connector 1: SMA Male
- · Connector 2: SMA Male Reverse Polarity
- Cable Type: RG223

Features

- · 66% Phase Velocity
- · Double Shielded

Applications

General Purpose

PVC Jacket

· Laboratory Use



Description

L-com's LCCA30358-FT10 is a SMA male to reverse polarity SMA male cable assembly using RG223 coax, 10 FT and ships same-day. The RG223 coax of this SMA cable uses the PE dielectric with a VoP of 66%. These flexible RF cable assemblies are ideal for applications where flexure is required. Our L-com SMA to SMA cable assembly has a male to male gender configuration with flexible RG223 series coax. The double shield of this SMA cable is layered by silver plated copper braid over silver plated copper braid.

Custom versions of this SMA male to SMA male cable, along with the rest of L-com's other RF assemblies, can also be built and shipped same day. Other available RF cable assembly value added services from L-com include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly. Contact a sales representative for testing or custom RF cable quotes. Part number LCCA30358-FT10 L-com SMA Male to Reverse Polarity SMA Male Cable Assembly using RG223 Coax, 10 FT data sheet PDF includes details of the RF product specifications, CAD drawing(s) and dimensions below.



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Electrical Specifications

Minimum	Typical	Maximum	Units
		1.5:1	
	66		%
	30.8 [101.05]		pF/ft [pF/m]
		500	Vrms
	Minimum	66	1.5:1 66 30.8 [101.05]

Mechanical Specifications

Cable Assembly

Length 120 in [304.8 cm] Diameter 0.315 in [8 mm] Weight 0.066 lbs [29.94 g]

Cable

RG223 Cable Type Impedance 50 Ohms Inner Conductor Type Solid Inner Conductor Material and Plating Copper, Silver

Dielectric Type PΕ

Number of Shields

Shield Layer 1 Silver Plated Copper Braid Silver Plated Copper Braid Shield Layer 2 Jacket Material PVC, Black

0.21 in [5.33 mm] Jacket Diameter

One Time Minimum Bend Radius 0.984 in [24.99 mm]



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Connectors

Description	Connector 1	Connector 2
Туре	SMA Male	SMA Male Reverse Polarity
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Gold
Contact Plating Specification	50μ in. minimum	
Dielectric Type	Teflon	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100μ in. minimum	
Coupling Nut Material and Plating		Brass, Nickel
Hex Size	5/16 in	5/16 in.
Torque	5 in-lbs 0.57 Nm	5 in-lbs 0.57 Nm

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

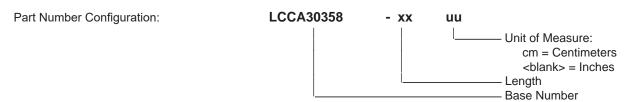


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How to Order



Example: LCCA30358-12 = 12 inches long cable

LCCA30358-100cm = 100 cm long cable

SMA Male to Reverse Polarity SMA Male Cable Assembly using RG223 Coax, 10 FT from L-com has same day shipment for domestic and International orders. L-com is a leading manufacturer of wired and wireless connectivity products and committed to in-stock availability and same day shipping. 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.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.ontained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

L-com CAD Drawing

