

900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm
Spring FME Male Connector, Stainless Steel



LCANOM1080

Features

- 5mm Spring Diameter
- Vertically Polarized
- 5.5 dBi Gain
- FME Male Connector
- 14.75 ft RG58 Cable
- Stainless Steel

Applications

- Offroad/Overland Vehicles
- Mining/Industrial Heavy Equipment
- Commercial Trucking
- Fleet Management
- Farm Equipment

Description

The L-com LCANOM1080 is a dual band antenna that ships on the same day as ordered. Our vertical polarized antenna with 880 to 960 MHz and 1710 to 1880 MHz frequency range has a FME male connectors. This antenna made of stainless steel has an overall length of 39.37 in, a width of 2 in, and a weight of 2.2 lbs.

L-com's LCANOM1080 is a dual band antenna operating from 880 to 960 MHz and 1710 to 1880 MHz with 5.5 dBi gain. The omni directional antenna has a maximum input VSWR of 2:1.

L-com has one of the largest in-stock collections of omni directional antennas with our wide selection of superior quality RF parts, that ship same day. Make your online purchase right now to take advantage of our same-day shipping. For further information on similar products, our expert technical support and knowledgeable sales team can help you get the ideal dual band antenna as per your requirement.

Configuration

Band Type	Dual
Radiation Pattern	Omni Directional
Polarization	Vertical
Connector Type	FME Male

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	880		1,880	MHz
Input VSWR			2:1	
Impedance		50		Ohms
Gain		5.5		dBi
Input Power			100	Watts

Specifications by Band

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm Spring FME Male Connector, Stainless Steel LCANOM1080](#)

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Description	Band 1	Band 2	Band 3	Band 4	Band 5	Units
Range	0.88 to 0.96	1.71 to 1.88				GHz
Gain	5.5	5.5				dBi
Maximum Input Power	100	100				Watts

Mechanical Specifications

Radome Material	Stainless Steel
Size	
Length	39.37 in [100 cm]
Width	2 in [50.8 mm]
Height	2 in [50.8 mm]
Weight	2.2 lbs [997.9 g]

Environmental Specifications

Temperature	
Operating Range	-40 to +80 deg C

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

Plotted and Other Data

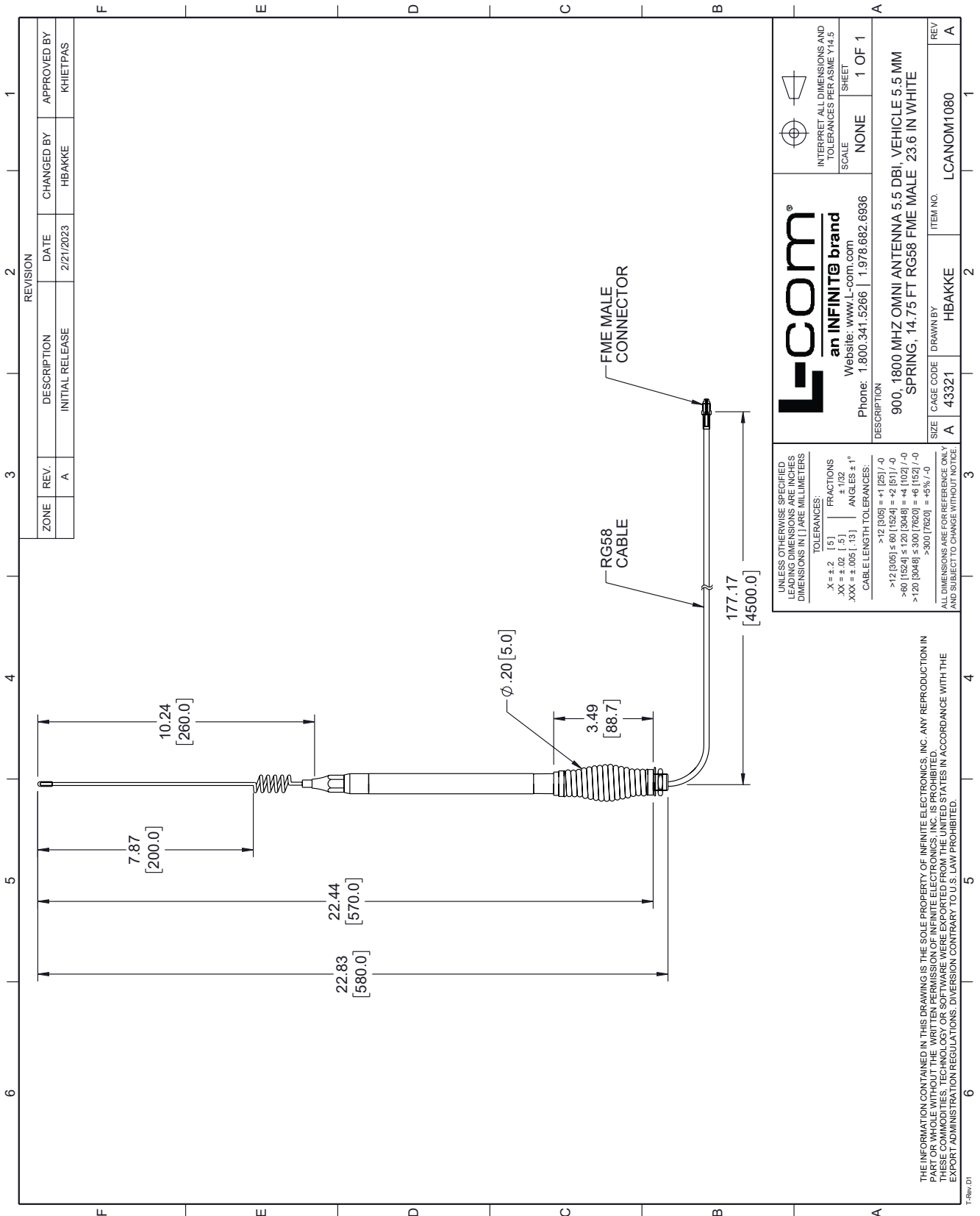
Notes:

900, 1800 MHz Omni Antenna 5.5 dBi Gain, 5 mm Spring FME Male Connector, Stainless Steel 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.

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.

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L-com CAD Drawing



REVISION			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	2/21/2023
		CHANGED BY	HBAKKE
		APPROVED BY	KHIETPAS

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an INFINITE brand
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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5
SCALE NONE
SHEET 1 OF 1

DESCRIPTION
900, 1800 MHZ OMNI ANTENNA 5.5 DBI, VEHICLE 5.5 MM SPRING, 14.75 FT RG58 FME MALE 23.6 IN WHITE

SIZE A CAGE CODE 43321 DRAWN BY HBAKKE ITEM NO. LCANOM1080

REV A

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:
X = +.2 [5] FRACTIONS
XX = +.02 [5] ANGLES ± 1°
XXX = ±.005 [13]

CABLE LENGTH TOLERANCES:
> 12 [305] = +1 [25] / -0
> 60 [1524] = +2 [51] / -0
> 120 [3048] = +4 [102] / -0
> 300 [7620] = +6 [152] / -0
> 900 [22800] = +9% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE

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