

Fiber Optic Sensor Cable, 2M Small Bend Radius, Diffuse Reflection, R4 POF, Threaded M4 Cylindrical Sensing End with Straight Beam Exit



FOACAMPDW68

Fiber Optic Sensor Cable

Features

- Durable stainless steel head
- Flexible jacket
- Standard 2.2mm diameter ferrules
- Stable performance

Applications

- Industrial automation
- Discrete manufacturing
- High volume production
- Automotive manufacturing
- Stamping and plastic injection molding
- Packaging
- Food and Beverage
- Warehouse automation

Description

L-com's FOACAMPDW68 fiber optic sensor cable is a diffuse reflection type optical cable. This 2M (meter) fiber optic sensor cable is in stock and ready to ship on the same business day of the order. Our black diffuse reflection sensor cable has a durable stainless steel head, R4 bend radius, and flexible polyethylene jacket, which makes the cable well-suited for demanding industrial environments. The 2.2mm amplifier ends make this cable compatible with industry-standard amplifier ports, making interchanging quick and easy.

General Specifications

Type	Small Bend Radius
Design Type	Diffuse Reflection
Cable Type	POF
Jacket Type	PE Black
Sensing Distance	40 to 100 mm
Cable Length	2 m
Cable Head Material	Stainless Steel
Bend Radius	4 mm
Compatible Products	Fiber Optic Sensor Amplifiers
Beam Exit	Straight
Cable Head Shape	Cylindrical M4 Threaded
Notes, Electrical/Optical	Minimum sensing distance with FOACAMPG1 amp, maximum sensing distance with FOACAMPC1 amp
Notes	Different amplifiers will impact sensing distance.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Fiber Optic Sensor Cable, 2M Small Bend Radius, Diffuse Reflection, R4 POF, Threaded M4 Cylindrical Sensing End with Straight Beam Exit FO-](#)

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Fiber Optic Sensor Cable

Environmental Specifications

Temperature

Operating Range -20 to +50 deg C

Storage Range -30 to +85 deg C

Humidity

Operating Relative 35% to 85%

Compliance Certifications

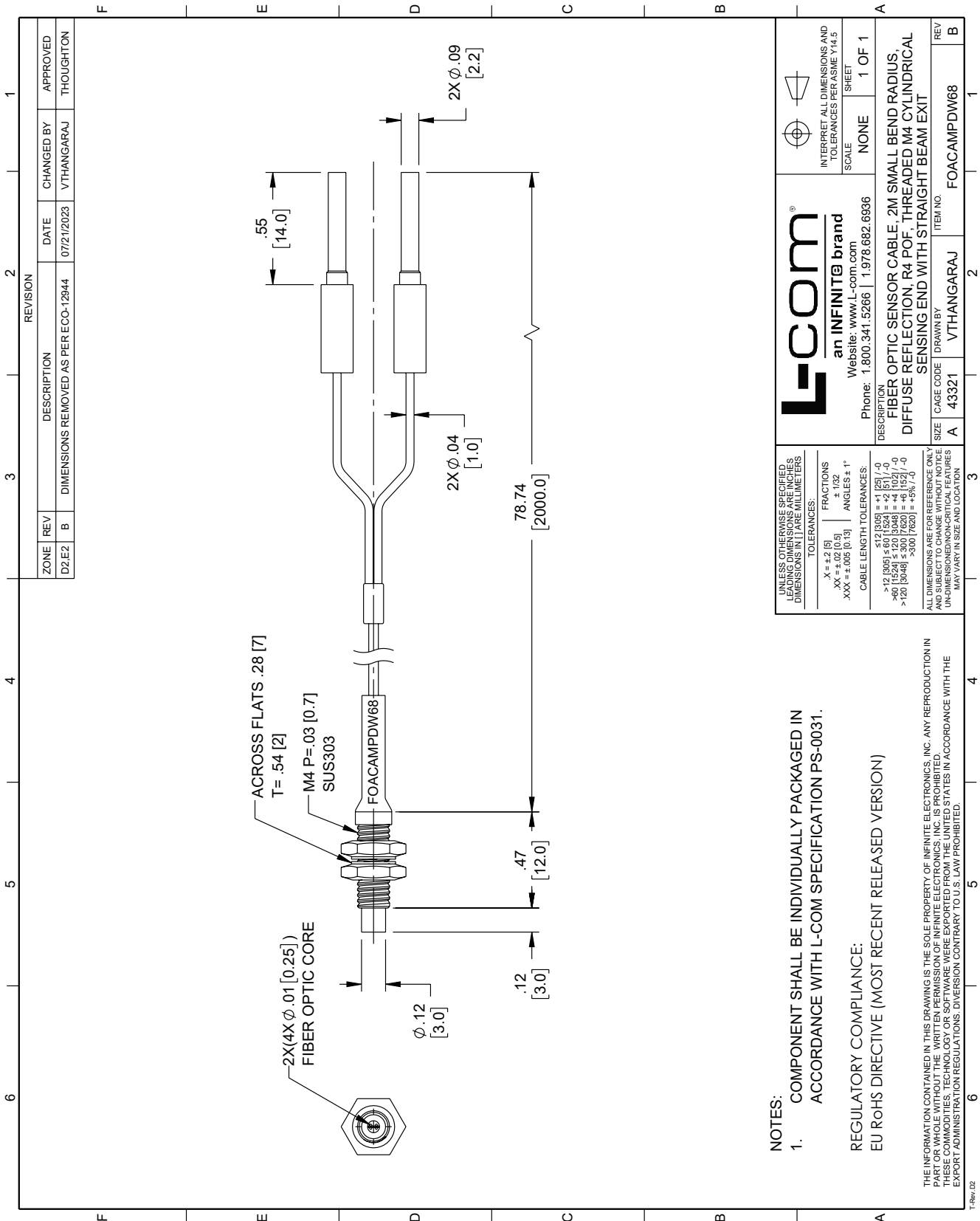
CE Compliance Yes

Fiber Optic Sensor Cable, 2M Small Bend Radius, Diffuse Reflection, R4 POF, Threaded M4 Cylindrical Sensing End with Straight Beam Exit 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



ZONE		REVISION		CHANGED BY		APPROVED	
D2	E2	B			VTHANGARAJ	THOUGHTON	
DESCRIPTION		DATE		CHANGED BY		APPROVED	
DIMENSIONS REMOVED AS PER ECO-12944		07/21/2023		VTHANGARAJ		THOUGHTON	

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

DESCRIPTION: FIBER OPTIC SENSOR CABLE, 2M SMALL BEND RADIUS, DIFFUSE REFLECTION, R4 POF, THREADED M4 CYLINDRICAL SENSING END WITH STRAIGHT BEAM EXIT
ITEM NO. FOACAMPDW68

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.
TOLERANCES:
X = ±.2 [5] | FRACTIONS ±.152
.XX = ±.02 [0.5] | ANGLES ± 1°
.XXX = ±.005 [0.13]
CABLE LENGTH TOLERANCES:
≤12 [305] = +1 [25] / -0
>12 [305] ≤ 60 [1524] = ±.2 [5] / -0
>60 [1524] ≤ 300 [7620] = +.4 [10] / -0
>120 [3048] ≤ 300 [7620] = +.6 [15.2] / -0
>300 [7620] = +.5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. ALL DIMENSIONS/FEATURES ARE SUBJECT TO CHANGE WITHOUT NOTICE AND SUBJECT TO CHANGE WITHOUT NOTICE UNLESS OTHERWISE SPECIFIED. UNDIMENSIONED/NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION.

REV B
ITEM NO. FOACAMPDW68
DRAWN BY VTHANGARAJ
CAGE CODE 43321

NOTES:
1. COMPONENT SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.
REGULATORY COMPLIANCE:
EU ROHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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