



Active Optical Cable SFP28 28Gbps, 1m, MSA Compatible

Active Optical Cables Technical Data Sheet

AOCSP2825-001

Features

- Up to 28Gbps Data rate
- Maximum link length of 100m
- High Reliability 850nm VCSEL technology
- Electrically hot-pluggable
- Electrical interface compliant to SFF-8431
- Case Operating temperature range: 0°C to 70°C
- Power dissipation < 1.0W per cable end

Applications

- 25G Ethernet Data Center Intra-Rack and Inter-Rack links

Description

The AOCSP2825-001 is an active optical cable designed for use in 25 Gigabit Ethernet links. They are electrically compliant with SFF-8431 and mechanically compliant with SFF-8432. The AOCSP2825-001 allows for greater link length than direct attach cables, with a lower total power consumption than transceiver solutions.

Mechanical Specifications

Length 39.37 in [100 cm]

Environmental Specifications

SFP28

Temperature (Operational) +0C to +70C
 Temperature (Storage) -40C to +85C
 Relative Humidity 5% to 95%

Compliance Certifications

RoHS Compliant

Yes

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Our portfolio includes cable assemblies, connectors, adapters and custom products, as well as their wireless product line which includes antennas, RF amplifiers, coaxial lightning and surge protectors, and NEMA rated enclosures.

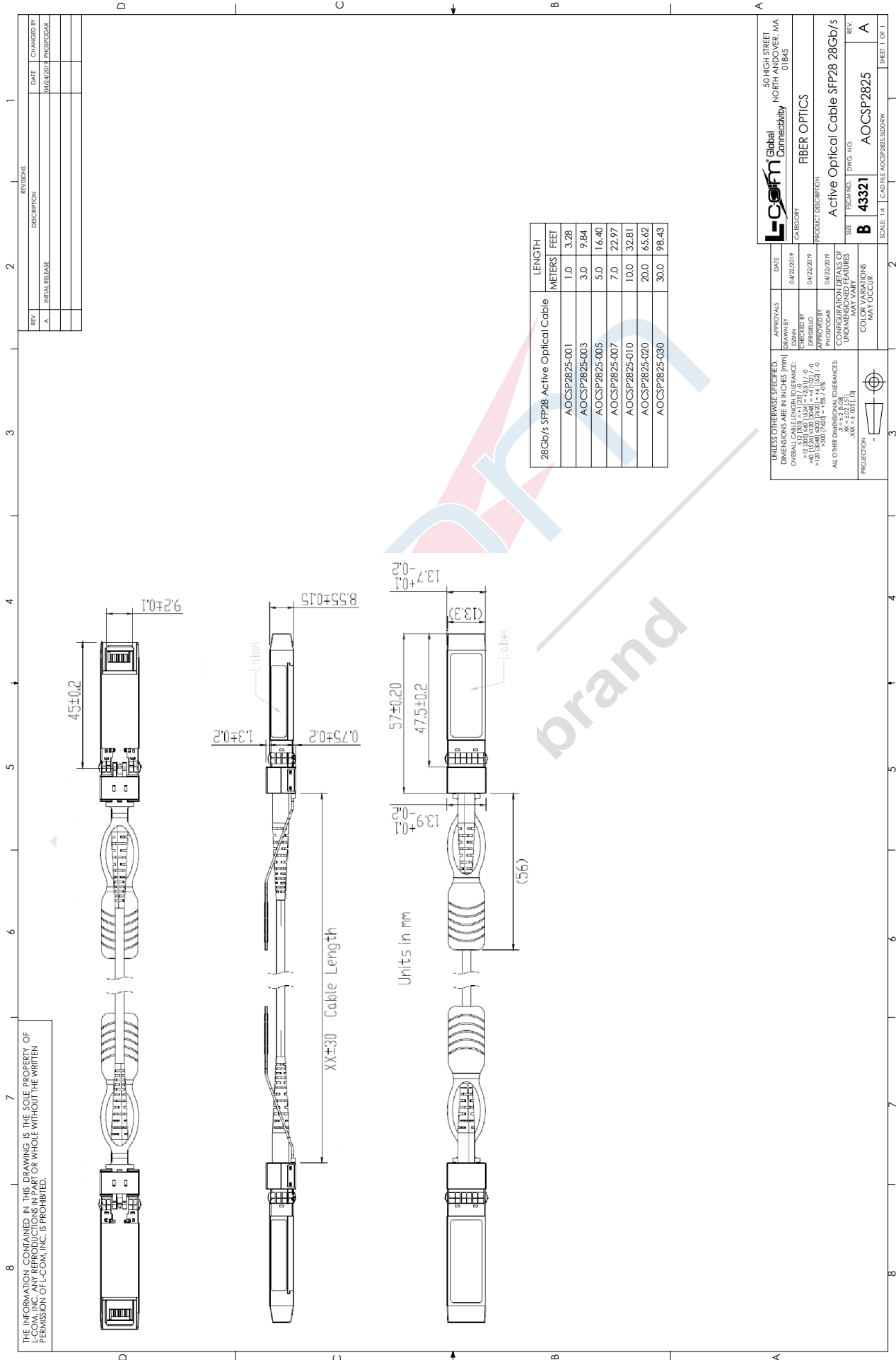
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Active Optical Cable SFP28 28Gbps, 1m, MSA Compatible AOCSP2825-001](https://www.l-com.com/active-optical-cable-sfp28-28gbps-1m-msa-compatible-aocsp2825-001)

URL: <https://www.l-com.com/active-optical-cable-sfp28-28gbps-1m-msa-compatible-aocsp2825-001-p.aspx>

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AOCSP2825-001 CAD Drawing

Active Optical Cable SFP28 28Gbps, 1m, MSA Compatible



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REV	DESCRIPTION	DATE	CHANGED BY
A	INITIAL RELEASE	03/24/2019	PHOSKODAR

L-com Global Connectivity
50 HIGH STREET
NORTH ANDOVER, MA 01845

PRODUCT DESCRIPTION: Active Optical Cable SFP28 28Gb/s
CATEGORY: FIBER OPTICS

DATE: 04/22/2019
DRAWN BY: PHOSKODAR
CHECKED BY: PHOSKODAR
APPROVED BY: PHOSKODAR

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm).
OVERALL DIMENSION TOLERANCES:
>10 .001 (0.025) / .001 (0.025)
>10 .001 (0.025) / .001 (0.025)
>10 .001 (0.025) / .001 (0.025)
ALL OTHER DIMENSIONAL TOLERANCES:
X ±.001 (0.025)
Y ±.001 (0.025)
Z ±.001 (0.025)

APPROVALS: DATE: 04/22/2019
DRAWN BY: PHOSKODAR
CHECKED BY: PHOSKODAR
APPROVED BY: PHOSKODAR

CONFIGURATION DETAILS OF UNUSUAL FEATURES MAY VARY
COLOR VARIATIONS MAY OCCUR

PROJECTION:

SIZE: B 43321
REV: A
SCALE: 1:1
SHEET 1 OF 1