



Active Optical Cable SFP28 28Gbps, 10m, MSA Compatible

Active Optical Cables Technical Data Sheet

AOCSP2825-010

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 AOCSP2825-010 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 AOCSP2825-010 allows for greater link length than direct attach cables, with a lower total power consumption than transceiver solutions.

Mechanical Specifications

Length 393.7 in [10 m]

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.

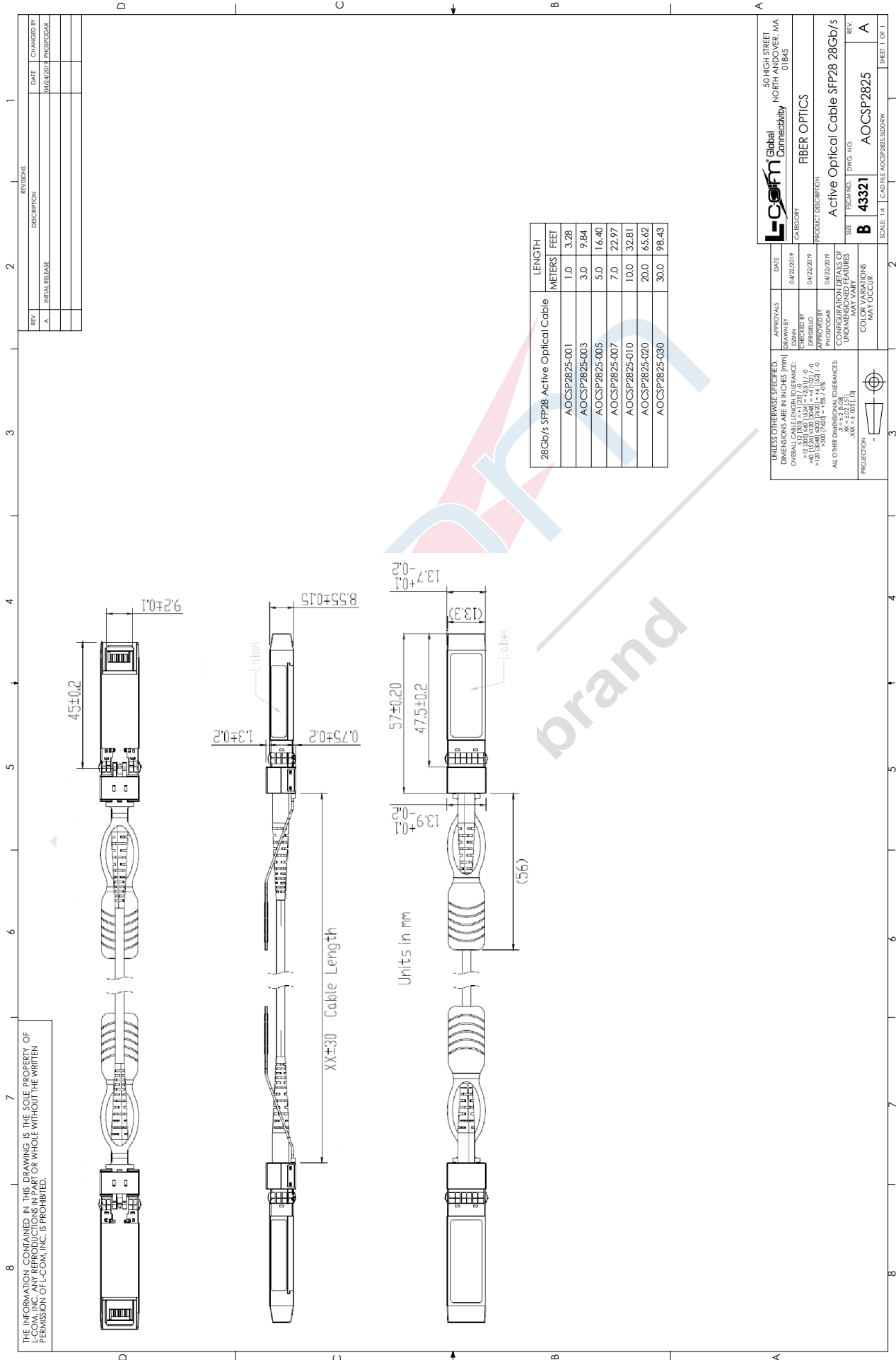
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Active Optical Cable SFP28 28Gbps, 10m, MSA Compatible AOCSP2825-010](#)

URL: <https://www.l-com.com/active-optical-cable-sfp28-28gbps-10m-msa-compatible-aocsp2825-010-p.aspx>

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AOCSP2825-010 CAD Drawing

Active Optical Cable SFP28 28Gbps, 10m, MSA Compatible



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REV	INITIAL RELEASE	DESCRIPTION	DATE	CHANGED BY
A			04/22/2019	PHOSKODAR

		50 HIGH STREET NORTH ANDOVER, MA 01845	
APPROVALS DRAWN BY: [Signature] CHECKED BY: [Signature] ENGINEERED BY: [Signature] APPROVED BY: [Signature]		DATE: 04/22/2019 DWG. NO.: 43321	
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (mm) OVERALL LENGTH TOLERANCE: >150 (3800) ±0.005 (0.127) >45 (1143) ±0.004 (0.101) >120 (3048) ±0.003 (0.076) >15 (381) ±0.002 (0.051)		CATEGORY: FIBER OPTICS PRODUCT DESCRIPTION: Active Optical Cable SFP28 28Gb/s	
ALL OTHER DIMENSIONAL TOLERANCES: .XX ±0.008 .XXX ±0.010		CONFIGURATION DETAILS OF UNUSUAL FEATURES MAY VARY	
PROJECTION:		SIZE: B 43321 COLOR VARIATIONS MAY OCCUR	
SCALE: 1:1		SHEET 1 OF 1	