



Active Optical Cable SFP28 28Gbps, 7m, MSA Compatible

Active Optical Cables Technical Data Sheet

AOCSP2825-007

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 AOCSP2825-007 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 AOCSP2825-007 allows for greater link length than direct attach cables, with a lower total power consumption than transceiver solutions.

Mechanical Specifications

Length 275.59 in [700 cm]

Environmental Specifications

SFP28

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

Compliance Certifications

RoHS Compliant

Yes

All trademarks, service marks, registered marks, or registered service marks are the property of their respective owners, and do not imply any affiliation with L-com or Infinite Electronics

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.

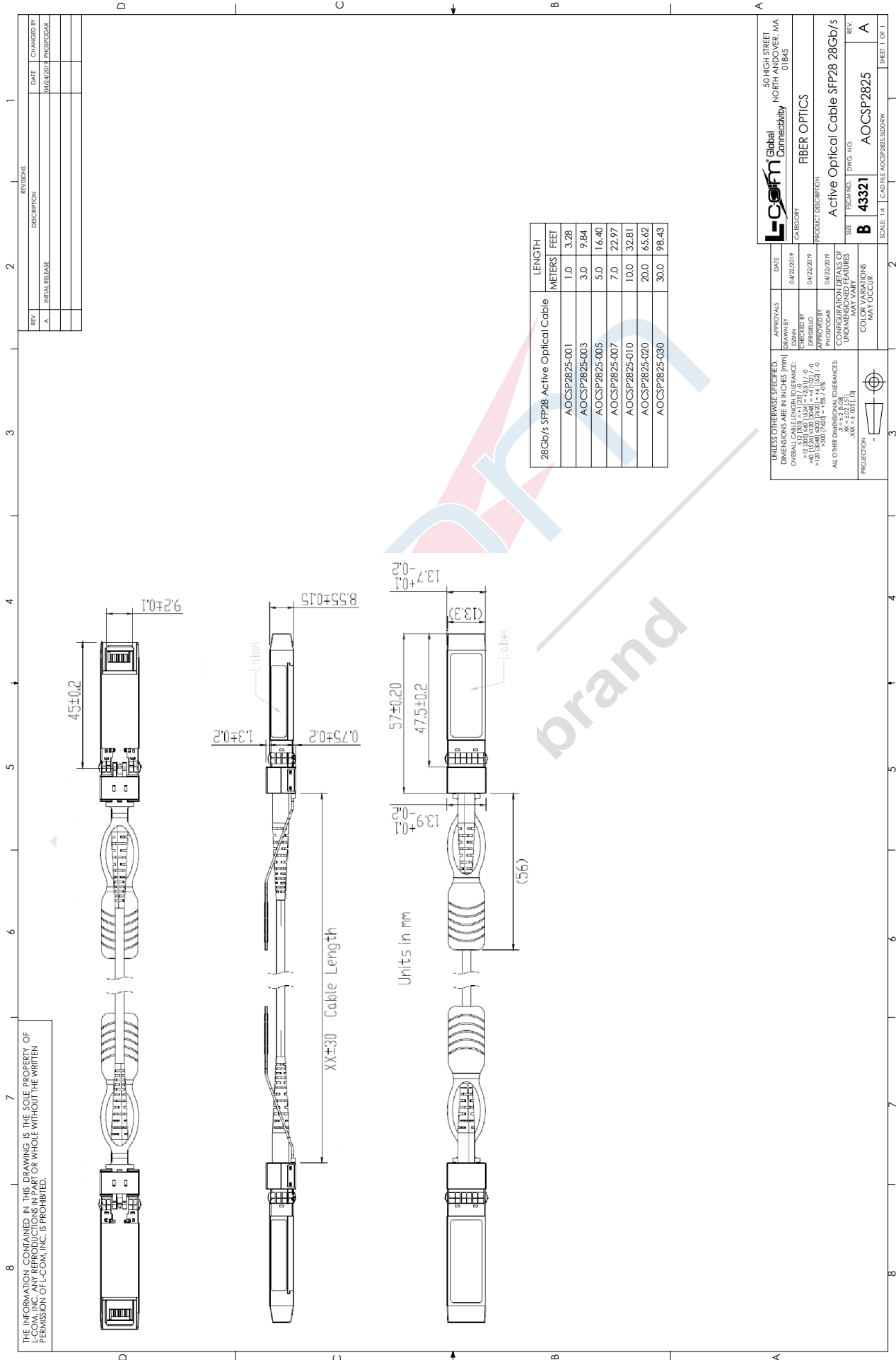
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Active Optical Cable SFP28 28Gbps, 7m, MSA Compatible AOCSP2825-007](https://www.l-com.com/active-optical-cable-sfp28-28gbps-7m-msa-compatible-aocsp2825-007)

URL: <https://www.l-com.com/active-optical-cable-sfp28-28gbps-7m-msa-compatible-aocsp2825-007-p.aspx>

The information contained in 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 implement 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 any liability arising out of the use of any part or documentation.

AOCSP2825-007 CAD Drawing

Active Optical Cable SFP28 28Gbps, 7m, MSA Compatible



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF L-COM, INC. ANY REPRODUCTIONS IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF L-COM, INC. IS PROHIBITED.

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

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES (MM)	APPROVALS	DATE
OVERALL DIMENSIONAL TOLERANCES:	DRAWN BY	04/22/2019
>13.000 (0.500) ±0.010 (0.254)	CHECKED BY	04/22/2019
>46.000 (1.811) ±0.015 (0.381)	APPROVED BY	
>120.000 (4.724) ±0.020 (0.508)	PHOSKODAR	
ALL OTHER DIMENSIONAL TOLERANCES:	CONFIGURATION DETAILS OF UNFINISHED FEATURES MAY VARY	
.XX ±0.001 (0.025)	COLOR VARIATIONS MAY OCCUR	
.XXX ±0.001 (0.025)		

PROJECTION	REV. NO.	REV.
	43321	A
	AOCSP2825	

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

CATEGORY: FIBER OPTICS
PRODUCT DESCRIPTION: Active Optical Cable SFP28 28Gb/s
SIZE: B 43321
DWG. NO.: AOCSP2825

SCALE: 1:1
SHEET 1A
CABLE: AOCSP2825-030RW
SHEET 1 OF 1