



## Active Optical Cable SFP28 28Gbps, 20m, MSA Compatible

### Active Optical Cables Technical Data Sheet

**AOCSP2825-020**

#### 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 AOCSP2825-020 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 AOCSP2825-020 allows for greater link length than direct attach cables, with a lower total power consumption than transceiver solutions.

#### Mechanical Specifications

Length 787.4 in [20 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.

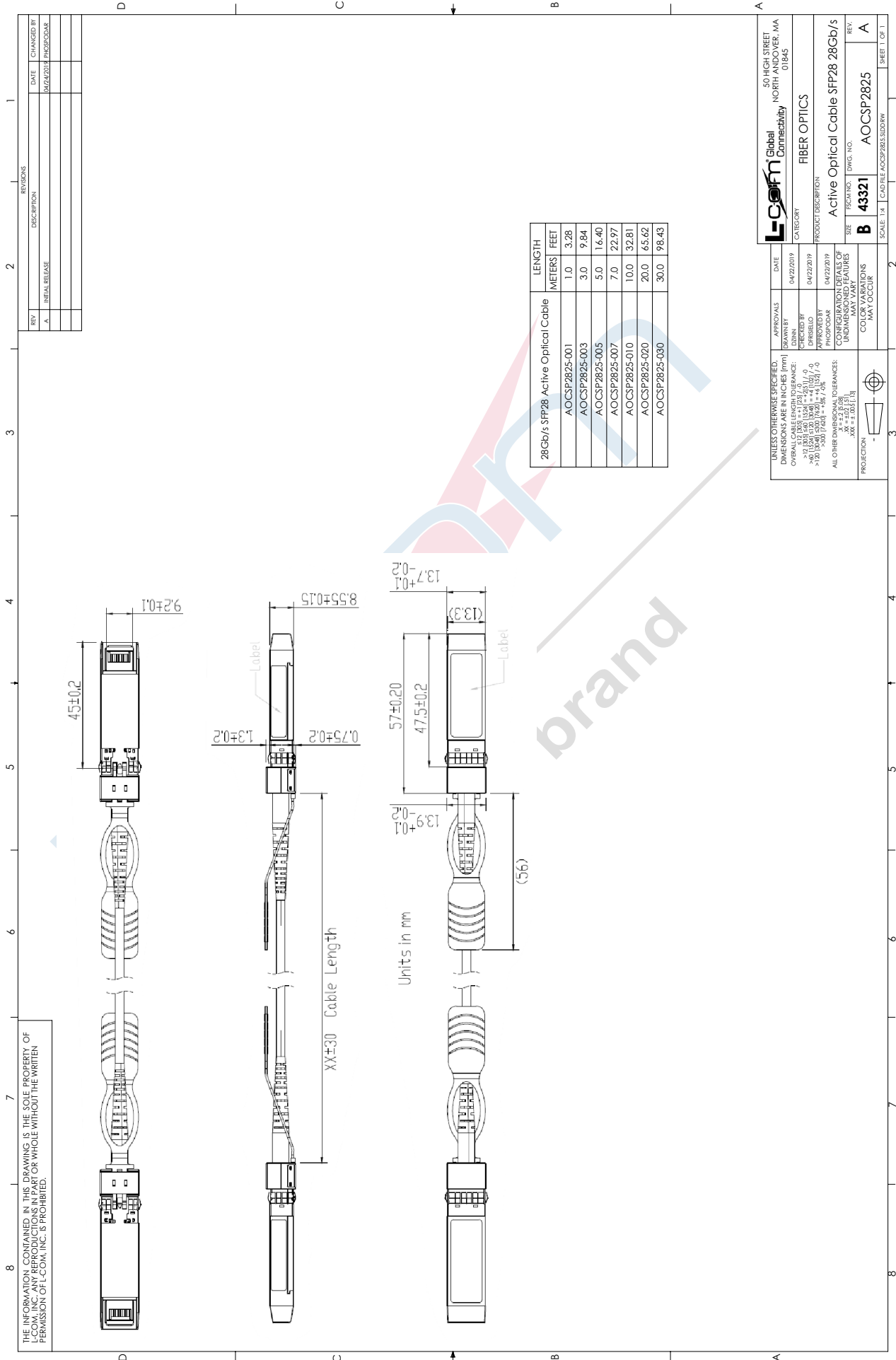
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Active Optical Cable SFP28 28Gbps, 20m, MSA Compatible AOCSP2825-020](https://www.l-com.com/active-optical-cable-sfp28-28gbps-20m-msa-compatible-aocsp2825-020)

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# AOCSP2825-020 CAD Drawing

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

SIZE: [Blank] DWG. NO: **43321** REV: **A**  
COLOR VARIATIONS: MAY VARY  
MATERIAL: MAT OCCUR

SCALE: 1:1  
SHEET 1A  
CABLE: AOCSP2825-020-00W  
SHEET 1 OF 1