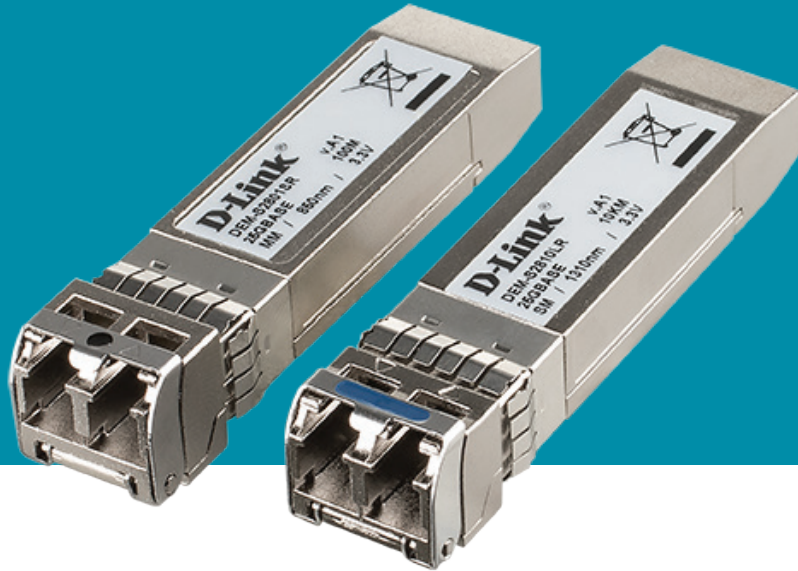


# 25G SFP28 Transceivers

High-performance solution for serial optical data communication applications.

DEM-S28 Series



25  
Gb/s

### 25 Gb/s Over a Single Lane

High capacity data transmission



### Industry Compliance

Compliant with IEEE 802.3by, 802.3cc, and MSA standards



### Hot Pluggable

Modify your infrastructure without network disruptions

## Technical Specifications

/ DEM-S28 Series

| Model                    | DEM-S2801SR   | DEM-S2810LR  |
|--------------------------|---|--|
| Product Image            |  |  |
| <b>General</b>           |   |  |
| Transceiver Type         | SFP28   | SFP28  |
| Cable Distance           | OM3 MMF: 70 m, OM4 MMF: 100 m   | 10 km  |
| Cable Type               | Multi-mode 50/125 um OM3, OM4 fiber cable   | Single-mode 9/125 um fiber cable   |
| Interfaces               | Duplex LC connector   | Duplex LC connector  |
| Hot Pluggable            | Yes   | Yes  |
| Direction                | Single direction  | Single direction   |
| Wavelength               | 850 nm  | 1310 nm  |
| <b>Functionality</b>     |   |  |
| IEEE Standard            | IEEE 802.3by  | IEEE 802.3cc   |
| MSA Compliant            | Yes   | Yes  |
| RoHS Compliant           | Yes   | Yes  |
| <b>Physical</b>          |   |  |
| Max. Power Consumption   | 3.3 V   | 3.3 V  |
| Dimensions               | 57.3 x 13.7 x 8.5 mm  | 57.3 x 13.7 x 8.5 mm   |
| Weight                   | 25 g  | 25 g   |
| Operating Temperature    | 0 to 70 °C  | 0 to 70 °C   |
| Storage Temperature      | -40 to 85 °C  | -40 to 85 °C   |
| Operating Humidity       | 5% to 95% non-condensing  | 5% to 95% non-condensing   |
| Storage Humidity         | 5% to 95% non-condensing  | 5% to 95% non-condensing   |
| Certifications           | FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B, LVD                      | FCC Class B, ICES-003 Class B, CE Class B, VCCI Class B, LVD                       |
| <b>Order Information</b> |   |  |
| DEM-S2801SR              | 25GBASE-SR Multi-Mode 100M SFP28 Transceiver                                      |  |
| DEM-S2810LR              | 25GBASE-LR Single-Mode 10KM SFP28 Transceiver                                     |  |