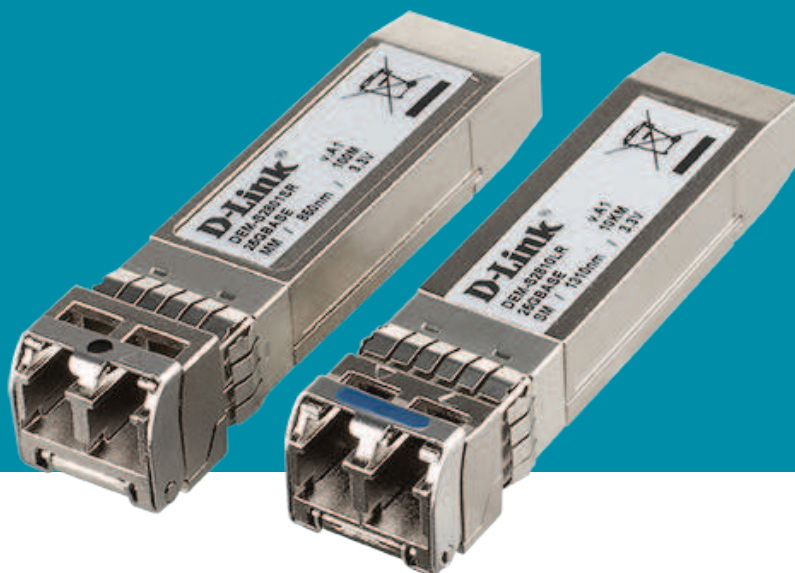


# 25G SFP28 Transceivers

High-performance solution for serial optical data communication applications.

DEM-S28 Series



## 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	