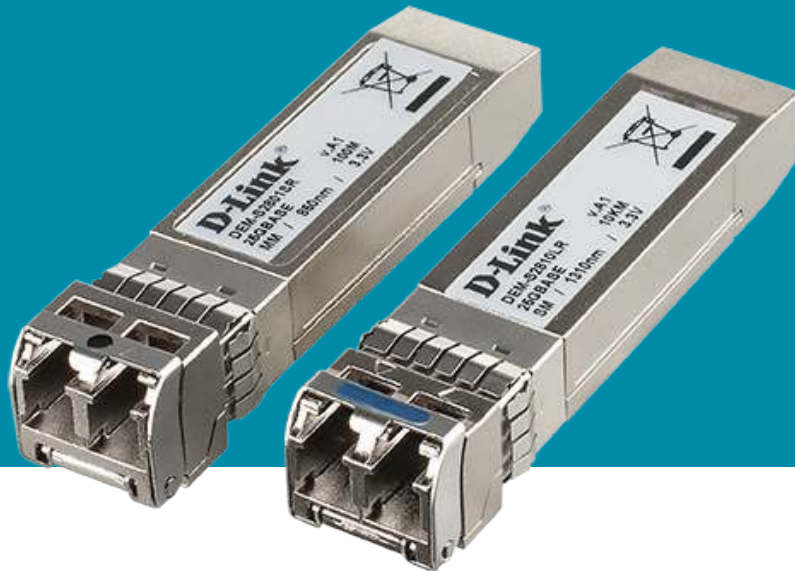


25G SFP28 Transceivers

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		
General		
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
Functionality		
IEEE Standard	IEEE 802.3by	IEEE 802.3cc
MSA Compliant	Yes	Yes
RoHS Compliant	Yes	Yes
Physical		
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
Order Information		
DEM-S2801SR	25GBASE-SR Multi-Mode 100M SFP28 Transceiver	
DEM-S2810LR	25GBASE-LR Single-Mode 10KM SFP28 Transceiver	

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