

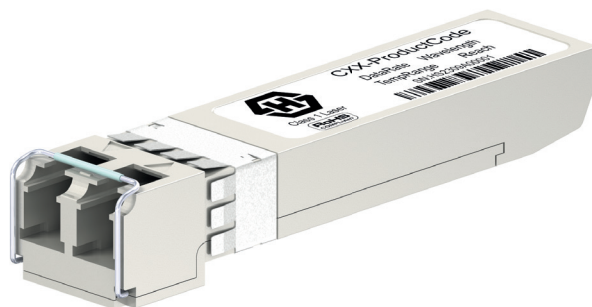
SFP28 25G SR TRANSCEIVER

CSM-400A070 DUPLEX TRANSCEIVER

PRODUCT OVERVIEW

Properties

- Multi-protocol support
- Data rate 24.33 ... 25.78 Gbps
- Reach up to 100m
- Wavelength 850nm
- LC/PC duplex adapter
- Multi Mode fibre
- Temperature range 0 ... 70°C
- Link budget at least 7 dB



General Data

Form Factor	SFP28
Protocol	25/10G Ethernet, eCPRI, CPRI 10/8/7
Media Type	MMF
Supply Current	< 300 mA
Adapter	LC/PC duplex
Operation Temperature	0 °C ... 70°C
Supply Voltage Typical	3.135 V ... 3.465 V
Power Consumption	< 1 W
Digital Diagnostic Management (DDM)	Built-in
Laser Hazard Level	1M

Absolute Maximum Ratings

Maximum Supply Voltage Range	-0.5 V ... 3.6 V
Maximum Storage Temperature Range	-40 °C ... 85°C
Max. Relative Humidity Range	5 % ... 95 %



Transmitter Specifications

Laser Type	VCSEL
Operating Wavelength Range	840 nm ... 860nm
Grid	None
Average Launch Power Per Lane	-3 dBm ... 2.4 dBm
Extinction Ratio	> 3 dB
Side Mode Suppression	> 30 dB
Supported Data rate	24.33 GB/s ... 25.78 GB/s

Receiver Specifications

Operating Wavelength Range	840 nm ... 860nm
Receiver Overload	> 1 dBm
Receiver Sensitivity	< -10 dBm
Maximum Optical Input Power per Lane	1 dBm
LOS De-Assert	< -11 dBm
Receiver LOS Assert	> -22 dBm
Receiver LOS Hysteresis	> 0.5 dB
Supported Data Rate	25.78 GB/s

Ordering Information

Part Code	Compatibility Code Explanation	Wavelength Code Explanation
CSM-400A07xxxx-85	"xxxx" is an alphanumeric string, describing the compatibility. "0000" means no special coding to ensure compatibility with a special switch type.	-85: 850nm