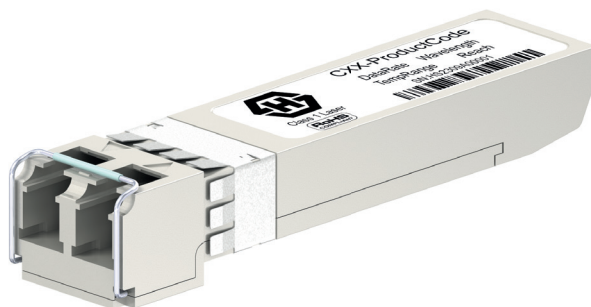


PRODUCT OVERVIEW

Properties

- Multi-protocol support
- Data Rate 1.0625 ... 11.3 Gbps
- Reach up to 550m
- Wavelength 850nm
- LC/PC Duplex Adapter
- Multi Mode Fibre
- Temperature Range 0 ... 70°C
- Link Budget at Least 4 dB



General Data

Form Factor	SFPplus
Data Rate Standards	10GBASE-SR/SW
	FC 800-M5/M6/M5E-LC-I
	CPRI Option 2 to 8
Protocol	10G Ethernet, 1/2/4/8/10G FC, STM-64/OC-48, CPRI Option 2...8, OBSAI, 1G Ethernet
Media Type	MMF
Supply Current	< 245 mA
Adapter	LC/PC Duplex
Operation Temperature	0°C ... 70°C
Supply Voltage Typical	3.13 V ... 3.47 V
Power Consumption	< 1 W
Digital Diagnostic Management (DDM)	Built-in
Laser Hazard Level	1

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	-6 dBm ... -1 dBm
Extinction Ratio	> 3 dB
Side Mode Suppression	> 30 dB
Supported Data rate	1.0125 GB/s ... 11.3 GB/s

Receiver Specifications

Receiver Type	PIN
Operating Wavelength Range	840 nm ... 860nm
Receiver Overload	> 0.5 dBm
Receiver Sensitivity	< -10 dBm
Maximum Optical Input Power per Lane	0.5 dBm
LOS De-Assert	< -14 dBm
Receiver LOS Assert	> -30 dBm
Receiver LOS Hysteresis	> 0.5
Supported Data Rate	1.0625 GB/s ... 11.3 GB/s

Ordering Information

Part Code	Compatibility Code Explanation	Wavelength Code Explanation
CSM-900A04xxxx-85	"xxxx" is an alphanumeric string, describing the compatibility. "0000" means no special coding to ensure compatibility with a special switch type.	-85: 850nm