

OTU4/ 25GBE/ 32G FC 850nm 100m SFP+ CLSFP32GMRSW

Product Features:

- 8Gbps/ 14.025Gbps/ 28.05Gbps/27.95Gbps/25.78Gbps data rate with dual CDR mode
- 100m over M5E MMF (50/125um OM3)
- Metal enclosure, for lower EMI
- 850nm Oxide VCSEL laser transmitter
- Hot-pluggable SFP+ footprint
- Duplex LC connector
- RoHS
- Operating temperature: -5°C to 70°C
- Digital Diagnostic Monitor (DDM)

Functional Characteristics (Optical)

The following tables list the performance specifications for the various functional blocks of the integrated optical transceiver module.

Table 1 – Transmitter Optical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit
Centre Wavelength	λ_c	840	850	860	nm
Spectral Width (RMS)	σ			0.59	nm
Average Output Power	Pout	-5		2	dBm
Extinction Ratio	ER	4			dB
Average Launch Power of Off Transmitter	Poff			-30	dBm

Table 2 – Receiver Optical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit
Centre Wavelength	λ_c	840		860	nm
Unstressed Receiver OMA Sensitivity 8.5 Gb/s 14.025 Gb/s 25Gb/s 32Gb/s	PIN			-14 -13 -11 -10	dBm
Receiver Overload	Pmax	0			dBm
LOS De-Assert	LOSD			-13	dBm
LOS Assert	LOSA	-18			dBm
LOS Hysteresis		0.5			dB



Ordering Information

Table 3 - Ordering Information

Part No.	Data Rate	DDM	Wave	Fiber Type	Dist.	Temp.	Optical Interface
CLSFP32GMRSW	32G FC 25GBase OTU4	yes	850nm	MMF	100m	-5~70°C	LC

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