

# Intel LTF8505-BC-IN Datasheet



## Intel LTF8505-BC-IN 25GB SFP+ Ethernet Optics SFP28 Transceiver Module

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The Intel LTF8505-BC-IN SFP28 transceiver is intended for 100m reach service from 25.78Gb/s 850nm multi mode high-speed communications equipment where low-cost, extraordinary performance and reliability are essential. It consumes low power, operates from a 3.3V DC power supply. It is compliant with SFF-8431 and SFF-8432.

### Features

- LC Duplex optical interface
- Reach: max up to 100m on Om4 MMF
- Bit rate: 25.78Gb/s
- +3.3 V power supply
- Low DC power consumption
- 2x10 SFP+ MSA compliant package
- High performance 850 nm VCSEL laser
- High sensitivity PIN/TIA optical receiver
- Multi Mode operation
- RoHS compliance

### Specifications

- Brand: Intel
- Part Number: LTF8505-BC-IN
- Package: SFP28
- Interface: LC
- Reach: 100m
- Temp: Commercial
- Fiber Type: Multi-mode
- Wavelength: 850nm
- Rate: 25Gb/s
- Tx Output: -8.4~2.4dBm
- Rx Input: -5.2dBm(OMA)

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