

Hisense LTD1311-BC Datasheet



Genuine Hisense LTD1311-BC+ SONET OC-3 / SDH STM-1 1310nm 155Mb/s 15km SFP Optical Transceiver

LTD1311-BC

The LTD1311-BC+ SFP SONET/SDH LC duplex transceiver is intended for 15km reach service in 155Mb/s 1310nm single mode high-speed telecommunications equipment. It meets the requirements of Telcordia SONET OC-3/IR-1 and ITU-T G.957 SDH STM-1/S-1.1, consumes low power, operates from a 3.3V DC power supply and is offered in the commercial temperature ranges. The industry standard 2x10 small form pluggable (SFP) package.

Specifications

- Part Number: LTD1311-BC+
- Package: SFP
- Interface: LC
- Reach: 15km
- Temp: C (0~70°C)
- Fiber Type: Single-mode
- Wavelength: 1310nm
- Rate: 155Mb/s
- Tx Output: -15~-8dBm
- Rx Input: -31dBm

Features

- 2x10 SFP MSA compliant package
- High performance 1310nm F-P laser
- High sensitivity PIN/TIA optical receiver
- $BER < 1 \times 10^{-10}$
- PRBS $2^{23}-1$ NRZ test pattern
- Standards
 - Telcordia SONET OC-3/IR-1 compliant
 - ITU-T G.957 SDH STM-1/S-1.1 compliant

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