Finisar FCBG125SD1C05 Datasheet

II-VI Finisar SFPwire 25GbE SFP28 Active Optical Cable, 5m

FCBG125SD1C05

The SFPwire® AOC is a family of next-generation active optical cables specifically for use between SFP+ ports. Based on II-VI's vertically integrated VCSEL array technology and designed with SFP+ connectors, the SFPwire AOC is lighter and more flexible than comparable copper SFP+ direct attach cables (DACs). The primary application is inter-rack and intra-rack connections within a data center environment.

The 25G SFPwire® is an SFP+ Active Optical Cable designed for use in 25G Ethernet links. The electrical interface of 25G SFPwire® is compliant with SFF-8431 and the receiver side is limiting. The 25G SFPwire® provides non-adaptive input equalization and output emphasis controls as per SFF-8472. The mechanical specifications of the 25G SFPwire® SFP+ ends are compatible with SFF-8432. The 25G SFPwire® is RoHS compliant per Directive 2011/65/EU.

Features

- Hot-pluggable SFP+ cable ends
- Supports 25.7813 Gb/s bit rate
- SFI limiting interface
- Input equalization and output emphasis controls
- Single 3.3V power supply
- Low power dissipation

- Temperature range: 0°C to 70°C
- Rigid pull-tab

Applications

- 25G Ethernet for Intra- and Inter-Rack data center interconnection

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- 25G SFPwire 5-meter SFP28 Active Optical Cable

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