

## Legrand SFP-BX43-40-I network transceiver module Fiber optic 1000 Mbit/s

**Brand :** Legrand

**Product code:** E1MG-BXD-40-A

**Product name :** SFP-BX43-40-I

- Up to 1.25Gb/s Data Links
  - Hot-Pluggable
  - Single LC connector
  - Up to 40 km on 9/125µm SMF
  - 1490nm FP laser transmitter
  - 1310nm PIN photo-detector
  - Single +3.3V Power Supply
  - Monitoring Interface Compliant with SFF8472
  - Maximum Power <1W
  - Industrial operating temperature range: -40°C to 85°C
  - RoHS compliant and Lead Free
- 1000BASE-BX-D BiDi, SFP, LC, 40 km, DDM, SMF

Legrand SFP-BX43-40-I network transceiver module Fiber optic 1000 Mbit/s:

100% OEM Compatible 1000Base SFP Transceiver (SMF, Tx: 1490 nm Rx: 1310 nm, 40 km, LC, DDM, Industrial Temp.)

Legrand SFP-BX43-40-I. SFP transceiver type: Fiber optic, Maximum data transfer rate: 1000 Mbit/s, Interface type: SFP. Product colour: Metallic, Form factor: SFP, Brand compatibility: Alcatel. Input voltage: 3.3 V. Compliance certificates: RoHS. Width: 13.7 mm, Depth: 56.6 mm, Height: 12.8 mm

| Performance                          |                  | Features                          |             |
|--------------------------------------|------------------|-----------------------------------|-------------|
| SFP transceiver type *               | Fiber optic      | Easy to install                   | ✓           |
| Maximum data transfer rate *         | 1000 Mbit/s      | Brand compatibility               | Alcatel     |
| Interface type *                     | SFP              | <b>Power</b>                      |             |
| Single-mode fiber (SMF) supported    | ✓                | Input voltage                     | 3.3 V       |
| SFP transceiver standard             | BX-D             | <b>Certificates</b>               |             |
| Maximum transfer distance            | 40000 m          | Compliance certificates           | RoHS        |
| Tx wavelength (min)                  | 1490 nm          | <b>Operational conditions</b>     |             |
| Tx wavelength (max)                  | 1490 nm          | Minimum operating temperature     | -40 °C      |
| Rx wavelength (min)                  | 1310 nm          | Maximum operating temperature     | 85 °C       |
| Rx wavelength (max)                  | 1310 nm          | Operating temperature (T-T)       | -40 - 85 °C |
| Ethernet interface type              | Gigabit Ethernet | Storage temperature (T-T)         | -40 - 85 °C |
| Fiber ethernet cabling technology    | 1000BASE         | Operating relative humidity (H-H) | 0 - 85%     |
| Digital Diagnostics Monitoring (DDM) | ✓                | <b>Weight &amp; dimensions</b>    |             |
| <b>Features</b>                      |                  | Width                             | 13.7 mm     |
| Product colour                       | Metallic         | Depth                             | 56.6 mm     |
| Form factor                          | SFP              | Height                            | 12.8 mm     |
| Plug and Play                        | ✓                | <b>Packaging content</b>          |             |
| Hot-Plug support                     | ✓                | Quantity per pack                 | 1 pc(s)     |



## Catalog Object Cloud



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