Fiber Nxt

Datasheet

SFP-1G BiDi (1310nm TX/1490nm RX, 40km)

SKU GLC-BX-U40-SO

Coded for your platform when you order

General

Form factor	**SFP**
Data rate	**1 Gb/s**
Standard	**1G BiDi BX40-U**
Media	**OS2 (single-mode)**
Connector	**LC simplex**
Reach	**40 km**
DOM/DDM	**Yes**

Optical

Wavelength	**TX 1310 nm, RX 1490 nm**
TX power	**-5 to 0 dBm**
RX sensitivity	**-24 dBm**
RX overload	**-3 dBm**
Power budget	**19 dB**
BiDi side	**U, pairs with GLC-BX-D40-SO**

Environment

Operating temperature	**0 to 70 °C (COM)**

Generated from FiberNxt product data on 22 November 2026.
The manufacturer's datasheet is available at solid-optics.com:
https://www.solid-optics.com/product/sfp-1g-bx40-so/