Fiber Nxt

Datasheet

QSFP28-100G-BiDi (40km, 1309.14nm TX/1304.58nm RX)

SKU QSFP-100G-BX40D-SO

Coded for your platform when you order

General

Form factor	**QSFP28**
Data rate	**100 Gb/s**
Standard	**100G BiDi BX40-D**
Media	**OS2 (single-mode)**
Connector	**LC simplex**
Reach	**40 km**
DOM/DDM	**Yes**

Optical

Wavelength	**TX 1309.14 nm, RX 1304.58 nm**
TX power	**1.7 to 7.1 dBm**
RX sensitivity	**-16 dBm**
RX overload	**-2.4 dBm**
Power budget	**17.7 dB**
BiDi side	**D, pairs with QSFP-100G-BX40U-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/qsfp-100g-bx40-so/