

Finisar - CFP 100G Transceiver, Singlemode LC, 112 Gb/s, 10km



Finisar - Transceiver

Finisar's broad product selection and innovative technology have made Finisar the optical module manufacturer of choice for all major networking equipment vendors worldwide. The products are fully compliant with Ethernet, Fiber Channel, Infiniband, SONET/SDH/OTN and PON standards and operate at data rates up to 100 Gb/s. They are capable of distances ranging from very short reach within a datacenter to campus, access, metro, and long-haul reaches. They feature outstanding performance over extended voltage and temperature ranges, while minimizing jitter, electromagnetic interference (EMI) and power dissipation.

Finisar's FTLC1183SDNx 100G CFP transceiver modules are designed for use in 100 Gigabit Ethernet interfaces and 4x28G OTN client interfaces over single mode fiber. They are compliant with the CFP, MSA, IEEE 802.3ba 100GBASE-LR4 and OTU4 411-9D1F requirements specified in ITU-T Recommendations G.959.1/G.709 and Supplement 39 (G.sup39). Digital diagnostics functions are available via an MDIO interface, as specified by the CFP MSA and Finisar Application Note AN-2080. The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC, and Finisar Application Note AN-2038.

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Technical Data

Key Features	Hot-pluggable CFP form factor
	Supports 112Gb/s aggregate bit rate
	Power dissipation < 16W
	RoHS-6 compliant (lead-free)
	Commercial case temperature range of 0°C to +70°C
	Single 3.3V power supply
	Maximum link length of 10km on Single Mode Fiber (SMF)
	4x28Gb/s DFB-based LAN-WDM transmitter
	10x10G MLD electrical interface
	Duplex LC receptacles
	MDIO management interface

Applications	OTN OTU4 4I1-9D1F
	100GBASE-LR4 100G Ethernet

Weblink	https://optical.communications.ii-vi.com/optical-transceivers/ftlc1183sdnx
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Product variants & accessories

Art.-No.	Description
FTLC1183RDNA	Finisar - CFP 100G Transceiver, Singlemode LC angled, 103.1 Gb/s, 10km
FTLC1183RDNL	Finisar - CFP 100G Transceiver, Singlemode LC, 103.1 Gb/s, 10km
FTLC1183RDNS	Finisar - CFP 100G Transceiver, Singlemode SC, 103.1 Gb/s, 10km
FTLC1183SDNA	Finisar - CFP 100G Transceiver, Singlemode LC angled, 112 Gb/s, 10km
FTLC1183SDNL	Finisar - CFP 100G Transceiver, Singlemode LC, 112 Gb/s, 10km
FTLC1183SDNS	Finisar - CFP 100G Transceiver, Singlemode SC, 112 Gb/s, 10km
FTLC8281RCNM	Finisar - CFP 100G Transceiver, Multimode MPO, 103.1 Gb/s, 100m/150m
FTLC8281SCNM	Finisar - CFP 100G Transceiver, Multimode MPO, 112 Gb/s, 100m/150m