100G QSFP28

LONEC 100G QSFP28 Transceiver is a 100Gb/s Small Form-factor Pluggable (QSFP28) optical module. The QSFP28 full-duplex optical module offers 4 independent transmit and receive channels, each capable of 25Gb/s operation for an aggregate data rate of 100Gb/s.100G QSFP28 Transceivers family includes solution from 100m to 10km transmission ranges, from MMF to SMF and use MTP/MPO or LC-LC connector, which designed to maximize their port density and minimize operating costs, providing a variety of options for data center interconnect solution, telecom networks.

◎ Applications

- Rack to Rack
- InfiniBand EDR, FDR and QDR
- Data Center
- 100G Ethernet

100G QSFP28

Part Number	Form Factor	Data Rate	Distance	Wavelength	Connector	Media
LEQSFP28-100G-SR4	QSFP28		100M	850nm	QSFP28	MM
LEQSFP28-100G-LR4	QSFP28		10KM	CWDM	QSFP28	SM

100G CFP2

LONEC CFP2 are hot-pluggable transceivers that support a wide range of 40 and 100Gb/s applications such as 40G and 100G Ethernet, OC-768/STM-256, OTU3, and OTU4. Different versions of CFP and CFP2 modules can support various data rates and link distances over either multimode or single mode fiber optics. These modules include numerous innovative features like advanced thermal management, EMI management and enhanced signal integrity design, as well as an MDIO-based management interface.

100G CFP2

Part Number	Data Rate	Wavelength	Distance	Connector	Package style
LECFP85M-03D	100Gb/s	850nm	300M	MPO	CFP2
LECFPXXL-10D	100Gb/s	CWDM	10KM	LC	CFP2

40G QSFP

LONEC QSFP+ is a hot-pluggable high-density transceiver which provides 4 channels of traffic in each direction (Tx and Rx). QSFP+ supports up to 14 Gb/s per channel for applications such as 40G Ethernet, InfiniBand QDR or FDR, and OTN OTU3. Both multimode and single mode versions of the QSFP+ module are available, as well as QSFP-based active optical cables (40G Quadwire and 56G Quadwire).

QSFP

Part Number	Data Rate	Wavelength	Distance	Connector	Package style
LEQSFP85M-03D	40Gb/s	850nm	300m	MPO	QFSP+
LEQSFPXXL-10D	40Gb/s	CWDM	10km	LC	QFSP+

Direct Attach Cables

◎ Features
● 10 x 10 MSA compliant
● Pin compatible with 100G CFP MSA
● Supports multi-rate up to 113 Gbps
● Separate 2 Km & 10 Km versions to optimize cost
● Operation temperature range -5°C to 70°C
● Straight and angle LC connectors available
● Telcordia GR 468 Qualified

PASSIVE COPPER CABLE

Part Number	Media	Data Rate	Connector	Wavelength	Distance
LEPCC-2SPP-30005	Passive Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	0.5M
LEPCC-2SPP-3001	Passive Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	1M
LEPCC-2SPP-3002	Passive Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	2M
LEPCC-2SPP-3003	Passive Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	3M
LEPCC-2SPP-30xx	Passive Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	xxM
LEPCC-QSQS-005	Passive Copper Cable	40G/ps	QSFP+ to QSFP+	-	0.5M
LEPCC-QSQS-01	Passive Copper Cable	40G/ps	QSFP+ to QSFP+	-	1M
LEPCC-QSQS-02	Passive Copper Cable	40G/ps	QSFP+ to QSFP+	-	2M
LEPCC-QSQS-03	Passive Copper Cable	40G/ps	QSFP+ to QSFP+	-	3M
LEPCC-QSQS-xx	Passive Copper Cable	40G/ps	QSFP+ to QSFP+	-	xxM
LEPCC-QS4P-005	Passive Copper Cable	40G/ps	QSFP+ to 4SFP+	-	0.5M
LEPCC-QS4P-01	Passive Copper Cable	40G/ps	QSFP+ to 4SFP+	-	1M
LEPCC-QS4P-02	Passive Copper Cable	40G/ps	QSFP+ to 4SFP+	-	2M
LEPCC-QS4P-03	Passive Copper Cable	40G/ps	QSFP+ to 4SFP+	-	3M
LEPCC-QS4P-xx	Passive Copper Cable	40G/ps	QSFP+ to 4SFP+	-	xxM

ACTIVE COPPER CABLE

Part Number	Media	Data Rate	Connector	Wavelength	Distance
LEACC-2SPP-3001	Active Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	1M
LEACC-2SPP-3002	Active Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	2M
LEACC-2SPP-3003	Active Copper Cable	10G/ps	SFP+ to SFP+	AWG 30	3M
LEACC-2SPP-2404	Active Copper Cable	10G/ps	SFP+ to SFP+	AWG 24	4M
LEACC-2SPP-2405	Active Copper Cable	10G/ps	SFP+ to SFP+	AWG 24	5M
LEACC-QSQS-07	Active Copper Cable	40G/ps	QSFP+to QSFP+	-	7M
LEACC-QSQS-10	Active Copper Cable	40G/ps	QSFP+to QSFP+	-	10M

Active Optical Cables

LONEC's QSFP28 passive copper cable assembly features eight differential copper pairs, providing four data transmission channels at speeds up to 28Gbps per channel, and meets 100G Ethernet (4x25Gbps) and InfiniBand EDR (Enhanced Data Rate) requirements. These 100G copper cable assembly features a unique construction with individually wrapped twinax pairs, resulting in low insertion loss and low cross talk.

◎ Applications
- Supports aggregate data rates of 100Gbps
- Low EMI radiation Switches, servers and routers
- Data Center networks
- High performance computing
- Telecommunication and wireless infrastructure
- Medical diagnostics and networking
- Test and measurement equipment

100G QSFP28 copper DAC

Part Number	Form Factor	Data Rate	Distance	Wavelength	Connector	Media	Download
AQSFP-100G-CU50CM	QSFP28	100G/ps	50CM	AWG 30	QSFP28/QSFP28	Passive	⌄
AQSFP-100G-CU1M	QSFP28	100G/ps	1M	AWG 30	QSFP28/QSFP28	Passive	⌄
AQSFP-100G-CU2M	QSFP28	100G/ps	2M	AWG 30	QSFP28/QSFP28	Passive	⌄
AQSFP-100G-CU3M	QSFP28	100G/ps	3M	AWG 30	QSFP28/QSFP28	Passive	⌄