

## Networking

**100G ZR QSFP28 DIGITAL COHERENT OPTICS TRANSCEIVER**

**Standard Tx output power (-8dBm), 100GE & OTU4, C-temp, 0°C to 70°C, CMIS.**

Built around Coherent Steelerton DSP, the 100G ZR QSFP28-DCO transceiver is fully compliant to the IEEE 802.3™-2022 100GBASE-ZR standard, ensuring interoperability with other solutions. The Steelerton DSP is the first purpose-built DSP for 100G ZR applications, optimized for the lowest power dissipation and smallest size. In the QSFP28 module the DSP is paired with a highly efficient silicon photonics optical front-end and a power-optimized tunable laser, resulting in a typical module power dissipation of less than 5W.

To facilitate deployment in a wide variety of edge network locations, including street cabinets or pole mount enclosures, the 100G ZR QSFP28-DCO module will also be offered in a version that supports industrial temperature ranges. For details of our compliance standards, click [here](#).

Contact a Product Expert >

**Coherent, Inc.**

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<b>Parameter</b>	<b>FTLC3351S3PL1</b>
<b>Description</b>	100G ZR QSFP28 Digital Coherent Optics transceiver, standard Tx output power (-8dBm), 100GE & OTU4, C-temp, 0°C to 70°C, CMIS
<b>Operating Distance</b>	300 km
<b>Data Transfer Rate</b>	100G
<b>Form Factor</b>	QSFP28
<b>Wavelength (by band type)</b>	C-Band 5THz DWDM Tunable
<b>Transmitter Optical Output Power (dBm)</b>	-8dBm
<b>Receiver</b>	coherent
<b>Management Interface</b>	CMIS
<b>Low End Case Temperature (°C)</b>	0 °C
<b>High End Case Temperature (°C)</b>	70 °C
<b>Transmitter</b>	Tunable DP-16QAM/8QAM/QPSK
<b>Connector</b>	LC
<b>Media Type</b>	Duplex SMF

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