

200G QSFP56 FR4 EML CWDM4 2km Transceiver Module

Quick Details

Cable Type: SMF	Form Type: QSFP56
Wavelength: CWDM4	Distance: 100M
Data Rate: 200G	Connector Type: LC



Brief Introduction

Vchung' VC-QSFP56-200G-FR4 200G QSFP56 FR4 optical transceiver modules are designed to support 200G Ethernet, suitable for data center and 5G backhaul links up to 2km over single mode fiber with FEC. The 200G QSFP56 FR4 modules are compatible with IEEE 802.3bs 200GBASE-FR4 and operate at four CWDM wavelengths of 1271nm, 1291nm, 1311nm and 1331nm. With a built-in 200G PAM4 DSP, the module supports four electrical interface lanes which operate in 50G PAM4 encoding mode resulting in 200G (4x50G) data rate.

Features

- Hot-pluggable QSFP56 form factor full-duplex transceiver module
- 4-channel CWDM4 TOSA and PIN ROSA
- Data rate up to 53.125Gbps (26.5625GBd PAM4) per channel
- 200GAUI-4 electrical interface
- Compliant with QSFP56 MSA, CMIS 4.0 and IEEE 802.3bs 200GBASE-FR4
- Built-in 200G PAM4 DSP
- Reach up to 2km over SMF with FEC
- Duplex LC receptacle
- 6W maximum power dissipation for DML version
- 7W maximum power dissipation for EML version

- Case operating case temperature range: C-Temp
- Single 3.3V power supply
- Built-in digital diagnostic functionality

Application

- 200G Ethernet IEEE 802.3bs 200GBASE-FR4
- Data Center Intraconnection
- 5G Backhaul Network

Specifications

Form Factor	QSFP56
Connector	LC
DOM	DOM
Media	SMF
Reach	100M
Speed	200GBase
Transceiver Type	FR4
Wavelength	1271nm 1291nm 1311nm 1331nm
Environment	0 to 70C

Product Picture

