

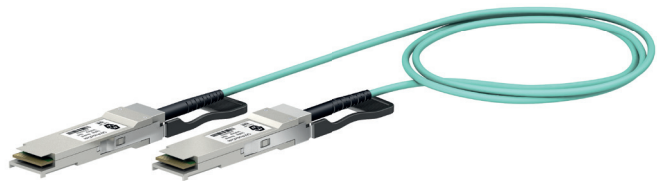
40G ACTIVE OPTICAL CABLE

CSA-801A TRANSCEIVER CABLE

PRODUCT OVERVIEW

Properties

- Multi-protocol support
- Data rate 4x 9.8 Gbps to 4x 11.3 Gbps
- QSFP+ to QSFP+
- Cable length from 0.5 to 50m
- Multimode fiber
- Temperature range 0 ... 70°C
- Power consumption <3 W (<1.5 W per terminal)



General Data

Form Factor	QSFP+ to QSFP+
Cable Media Type	Active Optical Cable (AOC)
Media	MMF
Protocol	40G Ethernet
Inbuilt FEC	No
Operation Temperature	0°C ... 70°C
Storage Temperature	-40°C ... 85°C
Power Consumption	<1.5 W
Digital Diagnostic Management (DDM)	Built-in
Laser Hazard Level	1
Available Cable Lengths	0.5m to 50m

Absolute Maximum Ratings

Maximum Supply Voltage Range	3.13 V ... 3.47 V
Maximum Storage Temperature Range	-40°C ... 85°C
Maximum Relative Humidity Range	5 % ... 85 %



Transmitter Specifications

Laser Type	VCSEL
Operating Wavelength Range	840 nm ... 860nm
Total Optical Output Power	< -2 dBm
Supported Data Rate	39.8 GB/s ... 44.6 GB/s

Receiver Specifications

Supported Data Rate	39.8 GB/s ... 44.6 GB/s
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Order Code Explanation

CSA-801Axxxx-yyyy	"xxxx" is an alphanumeric string, describing the compatibility. "0000" means no special coding to ensure compatibility with a special switch type.	-yyyy: Numerical string, indicating the cable length in multiples of 0.1m.
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Ordering Information

Part Code	Item Description	Length in Metres
85240678	CSA-801A_0010	1
85240679	CSA-801A_0020	2
85240680	CSA-801A_0030	3
85240681	CSA-801A_0050	5

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