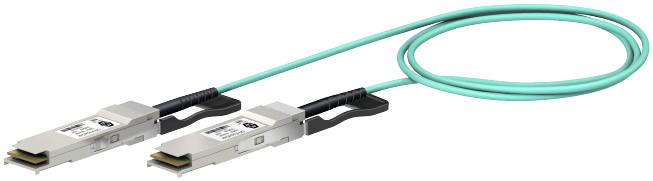
DATA SHEET

Transceiver Cable
40G Active Optical Cable
CQA-801A

Properties

- Multi-protocol support
- Data rate up to 45.2 Gbps
- QSFP+ to QSFP+
- Cable length up to 100m
- Multimode fiber
- Temp. range 0 ... 70°C
- Power consumption < 1.5 W



General data	
Form factor	QSFP+ to QSFP+
Product image	Actual product may differ from the images shown. Colours, design, and details can vary.
Cable media type	Active optical cable (AOC)
Media	MMF, up to 70m (OM3), up to 100m (OM4), Cable Colour: Aqua (OM3), Magenta (OM4)
Protocol	40G Ethernet
Built-in 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
Cable length	Up to 100m

Absolute Maximum Ratings	
Max. supply voltage range	3.13 V ... 3.47 V
Max. Storage Temperature Range	-40 °C ... 85 °C
Max. relative humidity range	5 % ... 95 %

Transmitter Specifications	
Laser Type	VCSEL
Operating Wavelength Range	840 nm ... 860nm
Supported Data rate	2.5 Gbps ... 45.2 Gbps

Receiver Specifications	
Supported Data rate	2.5 Gbps ... 45.2 Gbps

Transceiver Cable

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Ordercode explanation		
CQA-801Axxxx-yyyy	"xxxx" is an alphanumerical 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.

Ordering Information Table		
Item number	Item description	Length in m
85240678	CQA-801A_0010	1
85240679	CQA-801A_0020	2
85240680	CQA-801A_0030	3
85240681	CQA-801A_0050	5
85243434	CQA-801A_0070	7
85243435	CQA-801A_0100	10
85243436	CQA-801A_0150	15
85243437	CQA-801A_0200	20
85243438	CQA-801A_0250	25
85243439	CQA-801A_0300	30
85243440	CQA-801A_0500	50
85243441	CQA-801A_1000	100

Additional Information

To obtain the complete order code, please replace the underscores in the item description with the relevant compatibility information.

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