

ACTIVE OPTICAL CABLE

40G QSFP+ DAC



FEATURE

- QSFP+ conforms to the Small Form Factor SFF8436
- 4-Channel Full-Duplex Active Copper Cable Transceiver
- Support for multi-gigabit data rates :1GGb/s - 10Gb/s (per channel)
- Maximum aggregate data rate: 40Gb/s (4 x 10Gb/s)
- Copper link length up to 12m (active limiting)
- High-Density QSFP 38-PIN Connector
- Power Supply :+3.3V
- Power Consumption :<0.8W
- Low crosstalk
- I2C based two-wire serial interface for EEPROM signature which can be customized
- Temperature Range: 0~ 70 °C
- ROHS Compatible



APPLICATIONS

- 10 Gigabit Ethernet
- 40 Gigabit Ethernet
- InfiniBand4x SDR, DDR, QDR
- 2, 4, 8, 10 Gigabit Fiber Channel
- Fiber Channel over Ethernet
- SAS, Servers, Hubs, Switches, Routers

STANDARDS COMPLIANCE

- IEEE 802.3ba
- SFF-8436
- InfiniBand
- QSFP+ MSA
- RoHS Comp

OVERVIEW

The QSFP+ cable assemblies are high performance, cost effective I/O solutions for LAN,HPC and SAN. The high speed cable assemblies meet and exceed Gigabit Ethernet, InfiniBand and Fiber Channel commercial temperature requirements for performance and reliability. The cables are compliant with InfiniBand Architecture, SFF-8436 specifications and provide connectivity between devices using QSFP ports.

RECOMMENDED OPERATING CONDITIONS

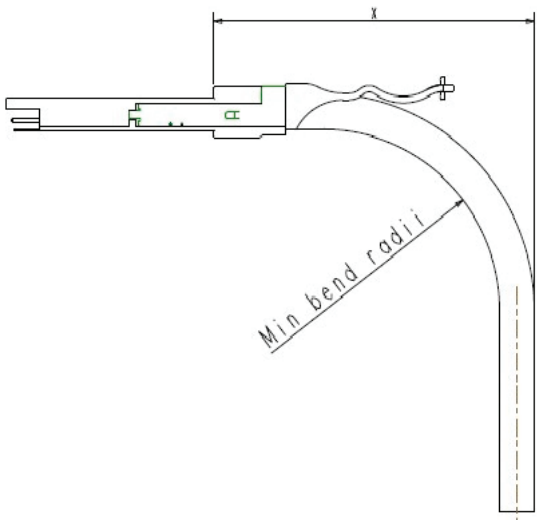
Parameter	Symbol	Min	Typical	Max	Unit
Storage Ambient Temperature		-40		+85	°C
Operating Case Temperature	Tc	0		+70	°C
Power Supply Voltage	V CC3	3.14	3.3	3.47	V
Power Dissipation	PD			0.8	W

FOCOMM (THAILAND) CO., LTD

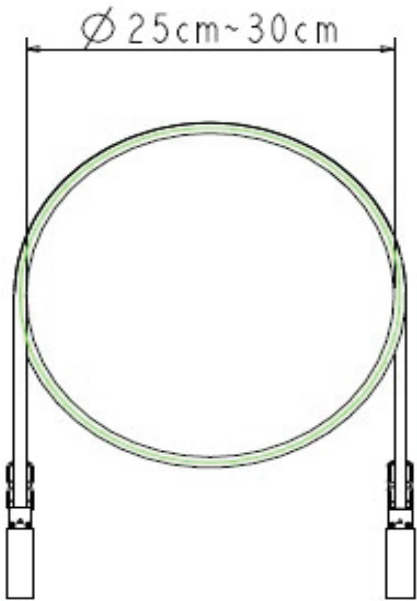
12 Soi Sukhaphiban 5 Soi 5 Yaek 3, Tha Raeng Subdistrict,Bang Khen District Bangkok 10220

Email : info@focomm-cabling.com www.focomm-cabling.com

MECHANICAL DIMENSIONS



Cable AWG	OD	min bend radii	"X"mon Distance lx bend
26	8.25	43.5	72.5



ORDER INFOMATION

PRODUCT	PART NUMBER
1 meter 40G QSFP+ Passive Copper Cable 30AWG	MC-OPT-QSFP+-DAC-30-P1
2 meter 40G QSFP+ Passive Copper Cable 30AWG	MC-OPT-QSFP+-DAC-30-P2
3 meter 40G QSFP+ Passive Copper Cable 30AWG	MC-OPT-QSFP+-DAC-30-P3
5 meter 40G QSFP+ Passive Copper Cable 28AWG	MC-OPT-QSFP+-DAC-28-P5
10G SFP+ Active Optical Cable up to 300m on OM3 MMF	MC-OPT-SFP+-AOC-SR