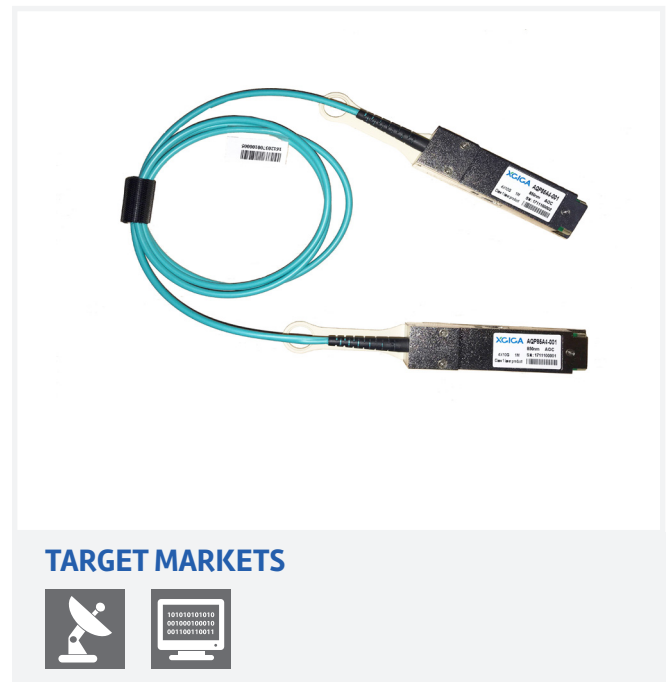


40Gb/s QSFP+ Active Optical Cables (AOC)

DESIGNED FOR USE IN 40 GIGABIT ETHERNET APPLICATIONS. COMPLIANT WITH THE QSFP MSA AND IEEE 802.3BA

Amphenol provides a series of 40G QSFP+ optical module products, including SR4, eSR4, IR4, LR4, ER4 lite, AOC and AOC breakout series. This series of products adopts LC or MPO optical port and is compatible with IEEE802.3bm, SFF-8436 and other standards; It has the characteristics of low power consumption, small size, high speed, and is applied to large data centers, campus networks, metropolitan area networks and other environments.

- Low power dissipation
- Up to 11.1Gb/s Data rate per lane
- Includes Digital Diagnostics Monitoring Interface
- Electrically hot-pluggable
- Compliant with QSFP+ MSA and RoHS
- Available in lengths from 1 – 300 meters



FEATURES & BENEFITS

- Hot-pluggable QSFP+ form factor
- Up to 11.1Gb/s data rate per lane
- Single 3.3V power supply
- Case Operating Temperature Range: 0°C to 70°C
- Low power dissipation
- RoHS compliant
- Compliant with SFF 8436

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TECHNICAL INFORMATION

MECHANICAL PERFORMANCE

- SFF-8436

ELECTRICAL PERFORMANCE

- IEEE 802.3ba

PACKAGING

- QSFP+

APPROVALS AND CERTIFICATIONS

- UL, TUV

SPECIFICATION

- IEEE 802.3ba

ENVIRONMENTAL

- Case Operating Temperature Range: 0°C to 70°C

TARGET MARKETS/APPLICATIONS



Base Station
Power
Switches



Router
Server
ODD
HDD

PART NUMBERS

Description	Part Numbers
40G QSFP+ ACTIVE OPTICAL CABLES	AQP85A4-XXX

Find part number details using the search box on www.amphenol-cs.com

KEY PARAMETER SPECIFICATIONS

Product Name	Part Number	Package	Interface	Reach	Fiber Type	Wavelength	Rate	Tx Output (dBm)	Rx Input (dBm)	Power Consumption	Temp (°C)
QSFP+ AOC	AQP85A4-XXX	QSFP+	AOC	300M(OM3)	MMF	850nm	40Gb/s	/	/	≤1.5W	0~70

XGIGA40GQSFP0424EA4