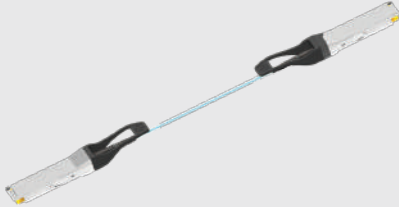


AOC (Active Optical Cable)

40G QSFP+ AOC



UT-A40G-XXXXYYY



LINK AMERICAN CABLING

Scope of Application

LINK 40G QSFP+ AOC are high performance, cost effective I/O solutions for 40G Ethernet applications. AOC is a multi-mode optical fiber with a module attached to each end. It uses electrical-to-optical conversion on the cable ends to improve speed and distance performance of the cable.

40G QSFP+ AOC allow hardware manufactures to achieve high port density, configurability, stability and utilization at a cost-effective and flexible short-reach in the interconnect system. The high speed cable assemblies meet Ethernet standard requirements for performance and reliability.

AOC cabling solutions offer for short-range transmissions and to be mostly used to interconnect between two devices for switches/servers to switches within or between different racks inside data center.

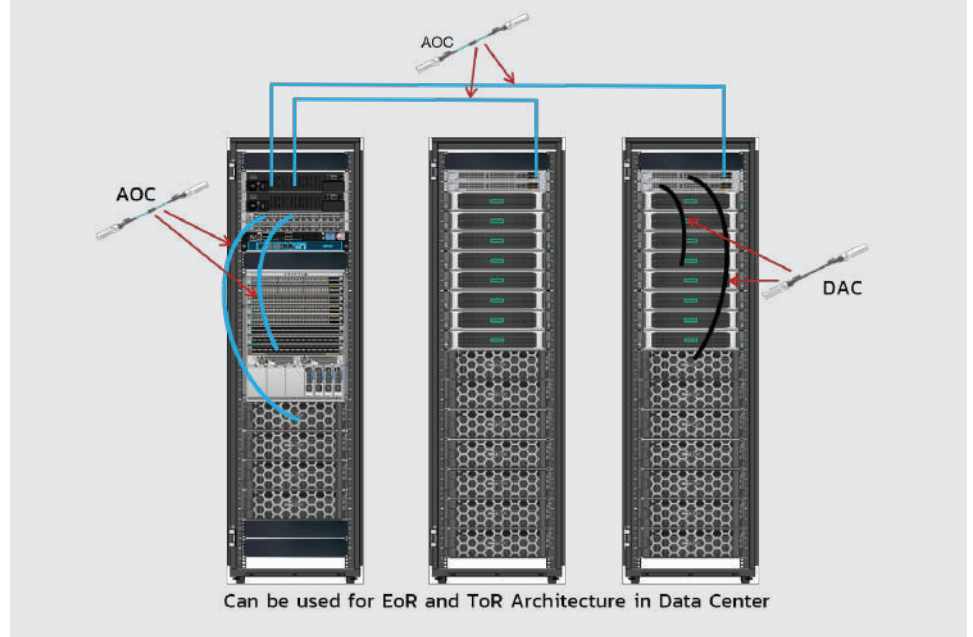
Features Highlight

- Hot-Pluggable and support data rate up to 40Gbps
- Compliant with IEEE 40Gigabit Ethernet standard
- Compliant with Fibre Channel standard
- Compliant with QSFP+ Multi Source Agreement (MSA)
- 850nm VCSEL transmitter
- PIN photo-detector receiver
- Compliant with SFF-8436
- All-metal housing for superior EMI performance
- Low power consumption
- Single +3.3V Power supply
- Operating temperature from 0°C to 70°C
- Cost effective QSFP+ solution, enables higher port densities and greater bandwidth
- RoHS Compliant

Applications

- Data center cabling infrastructure
- High Speed Data Center Interconnect
- 40 Gigabit Ethernet
- Fibre Channel
- Pre-terminated design
- Switch to Switch interface
- Router/Server/Network Storage interface
- Switched backplane applications

Cable Typical Capability of Network Deployment





Technical Data

Standards	
IEEE 802.3ba	40 Gigabit Ethernet
Mechanical and Environment	
Form Factor	QSFP+
Connector Type	QSFP+ to QSFP+
Cable Length	Up to 100 meters
Power Supply Voltage	3.3V
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	0% to 85% RH (non-condensing)
Storage Humidity	0% to 85% RH (non-condensing)
Compatible List	
Alcatel, Allied Telesis, Arista, Aruba, Avaya, Brocade, Cisco, Cisco Meraki, Dahua, Dell, Delta, D-Link, Ericsson, Extreme, Fiberhome, Fortinet, H3C, Hikvision, Hirschmann, HP/HPE, Huawei, IBM, INTEL, Juniper, Linksys, Mellanox, MikroTik, Moxa, Netgear, Nokia, Nortel, Palo Alto, QNAP, Ruckus, Ruijie, Sophos, Synology, TP-Link, Ubiquiti, ZTE, Zyxel, etc.	

Certifications	
EMI	FCC Class B & CE
Green Product	RoHS
Ordering Information	
UT-A40G-XXXXYYY	40G QSFP+ AOC

Note :

- * Specifications subject to change without notice.
- * XXXX is code of transceiver as requested from compatible list.
- * YYY is length as requested (40G QSFP+ Up to 100m).

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|----------------------|-----------------|
| LC = LINK-Cisco | FN = Fortinet |
| HP = Hewlett Packard | HC = H3C |
| AB = Aruba | HM = Hirschmann |
| AL = Alcatel-Lucent | HW = Huawei |
| AT = Arista | IB = IBM |
| AY = Avaya | JP = Juniper |
| BC = Brocade | MN = Mellanox |
| DL = Dell | NK = Nokia |
| ES = Ericsson | ZT = ZTE |
| ET = Extreme | |

Drawing

