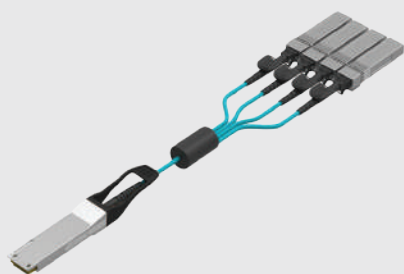




UT-A40G-4S-XXXXYYY



## AOC (Active Optical Cable)

40G QSFP+ to 4x10G SFP+ Breakout AOC

### 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.

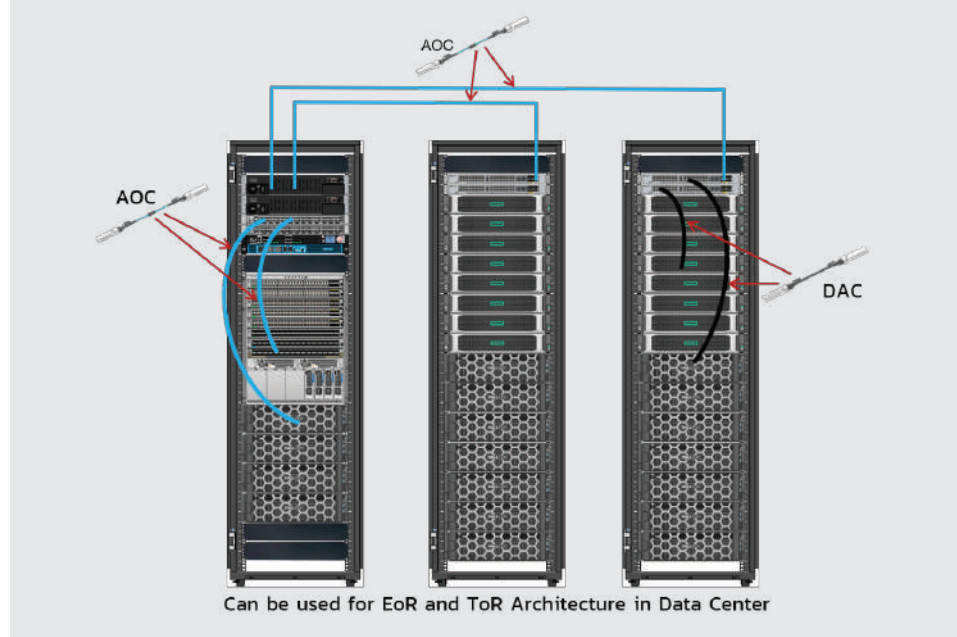
### Features Highlight

- Hot-Pluggable and support data rate up to 40Gbps
- Supporting 40Gbps to 4x10Gbps
- Compliant with IEEE 802.3ba 40 Gigabit Ethernet and IEEE 802.3ae 10 Gigabit Ethernet
- Compliant with Fibre Channel standard
- Compliant with QSFP+ and SFP+ MSA
- 850nm VCSEL transmitter
- PIN photo-detector receiver
- Compliant with SFF-8436, SFF-8431, SFF-8432
- 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+, SFP+ solution, enables higher port densities and greater bandwidth
- RoHS Compliant

### Applications

- Data center cabling infrastructure
- High Speed Data Center Interconnect
- 40 Gigabit Ethernet, 10 Gigabit Ethernet
- 40G QSFP+ and 10G SFP+ Form Factor
- 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 802.3ae	10 Gigabit Ethernet
IEEE 802.3ba	40 Gigabit Ethernet
Mechanical and Environment	
Form Factor	QSFP+, SFP+
Connector Type	QSFP+ to 4xSFP+
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).  
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

