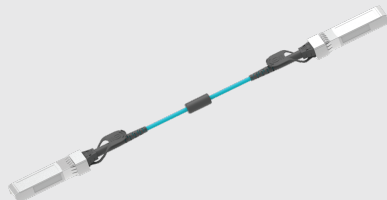




UT-A25G-XXYYZZZ



LINK AMERICAN CABLING

AOC (Active Optical Cable)

25G SFP28 AOC

Scope of Application

LINK 25G SFP28 AOC are high performance, cost effective I/O solutions for 25G 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.

25G SFP28 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.

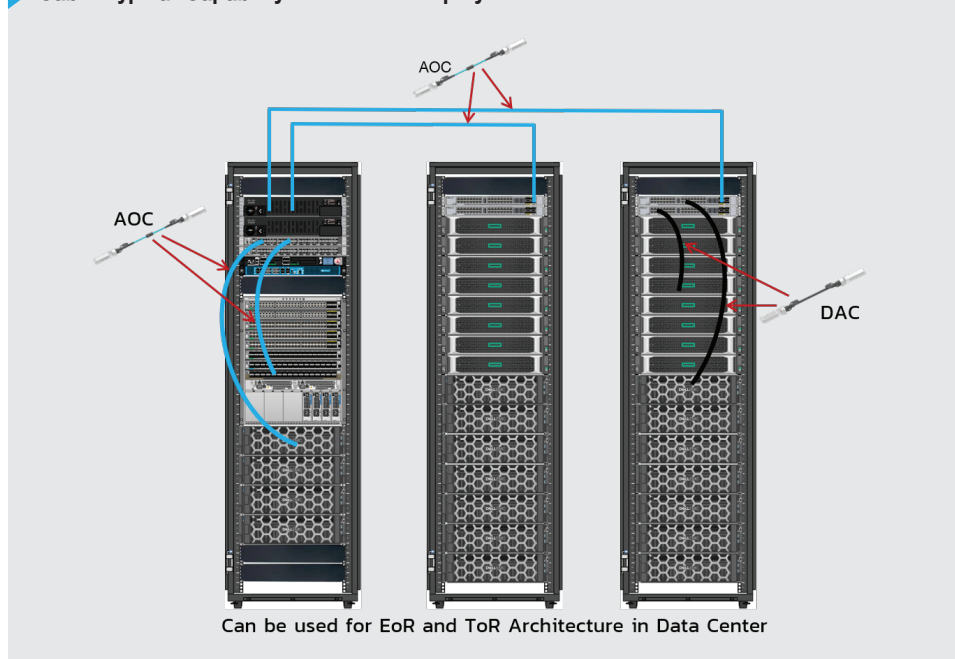
Features Highlight

- Hot-Pluggable and support data rate up to 25Gbps
- Compliant with IEEE 25Gigabit Ethernet standard
- Compliant with Fibre Channel standard
- Compliant with SFP28 Multi Source Agreement (MSA)
- 850nm VCSEL transmitter
- PIN photo-detector receiver
- Compliant with SFF-8431 and 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 SFP28 solution, enables higher port densities and greater bandwidth
- RoHS Compliant

Applications

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

Cable Typical Capability of Network Deployment





Technical Data

Standards	
IEEE 802.3 - 2016, 2017	25 Gigabit Ethernet
Mechanical and Environment	
Form Factor	SFP28
Connector Type	SFP28 to SFP28
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-A25G-XXYYZZZ	25G SFP+ AOC

Note :

* Specifications subject to change without notice.

* XX, YY: Code of transceiver as requested from compatible list.

* ZZZ: Length as requested (25G SFP28 Up to 100m).

LC = LINK-Cisco	FN = Fortinet
HP = Hewlett Packard	HC = H3C
AB = Aruba	HM = Hirschmann
AA = Adva/Adtran	HW = Huawei
AL = Alcatel-Lucent	IB = IBM
AT = Arista	IT = INTEL
AY = Avaya	JP = Juniper
BC = Brocade	MN = Mellanox
CN = Ciena	NK = Nokia
DL = Dell	SM = Siemens
ES = Ericsson	ZT = ZTE
ET = Extreme	

Drawing

