DAC (Direct Attach Copper Cable)
100G QSFP28 DAC

UT-D01CQS-XXXXYY

Scope of Application

LINK 100G QSFP28 DAC are high performance, cost effective I/O solutions for 100G Ethernet applications. DAC cables are made from twinax copper and be terminated with modules on both ends that provide an electrical connection directly into active equipment.

100G QSFP28 DAC allow hardware manufactures to achieve high port density, configurability and utilization at a very low cast and reduced power budget. The high speed cable assemblies meet Ethernet standard requirements for performance and reliability.

100G DAC cabling solutions offer for short-range transmissions, to provide connectivity up to 5m and suitable for connecting switches/servers to switches within or adjacent to the rack.
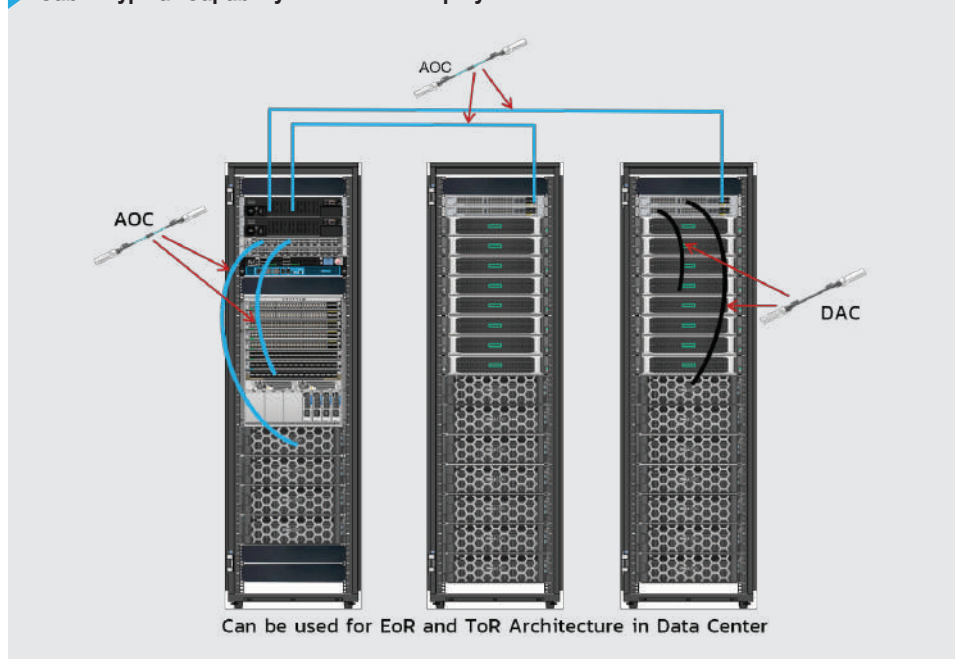
Features Highlight

- Hot-Pluggable and support data rate up to 100Gbps
- Compliant with IEEE 802.3bj 100Gb/s over copper cable
- Up to 5m transmission
- 4-Channel Full-Duplex Copper Cable Transceiver
- Compliant with QSFP28 Multi Source Agreement (MSA)
- Compliant with SFF-8665

- 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 QSFP28 solution, enables higher port densities and greater bandwidth
- RoHS Compliant

Applications

- Data center cabling infrastructure
- High Speed Data Center Interconnect
- 100 Gigabit Ethernet
- 100G QSFP28 Form Factor

- Pre-terminated design
- Switch to Switch interface
- Router/Server/Network Storage interface
- Switched backplane applications

▶ **Cable Typical Capability of Network Deployment**

Can be used for EoR and ToR Architecture in Data Center

Technical Data

Standards	
IEEE 802.3bj	100 Gb/s over copper cable

Mechanical and Environment	
Form Factor	QSFP28
Connector Type	QSFP28 to QSFP28
Cable Length	Up to 5 meters
Power Supply Voltage	3.3V
Operating Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Operating Humidity	10% to 95% RH (non-condensing)
Storage Humidity	5% to 95% 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.

Certications	
EMI	FCC Class B & CE
Green Product	RoHS

Ordering Information	
UT-D01CQS-XXXXYY	100G QSFP28 DAC

Note :

* Specifications subject to change without notice.
* XXXX is code of transceiver as requested from compatible list.
* YY is length as requested (100G QSFP28 Up to 5m).

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