NETWORKING

UT-D40G-4S-XXXXYY

DAC (Direct Attach Copper Cable)

40G QSFP+ to 4x10G SFP+ Breakout DAC

Scope of Application

LINK 40G QSFP+ DAC are high performance, cost effective I/O solutions for 40G 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.

40G QSFP+ 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.

40G 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.
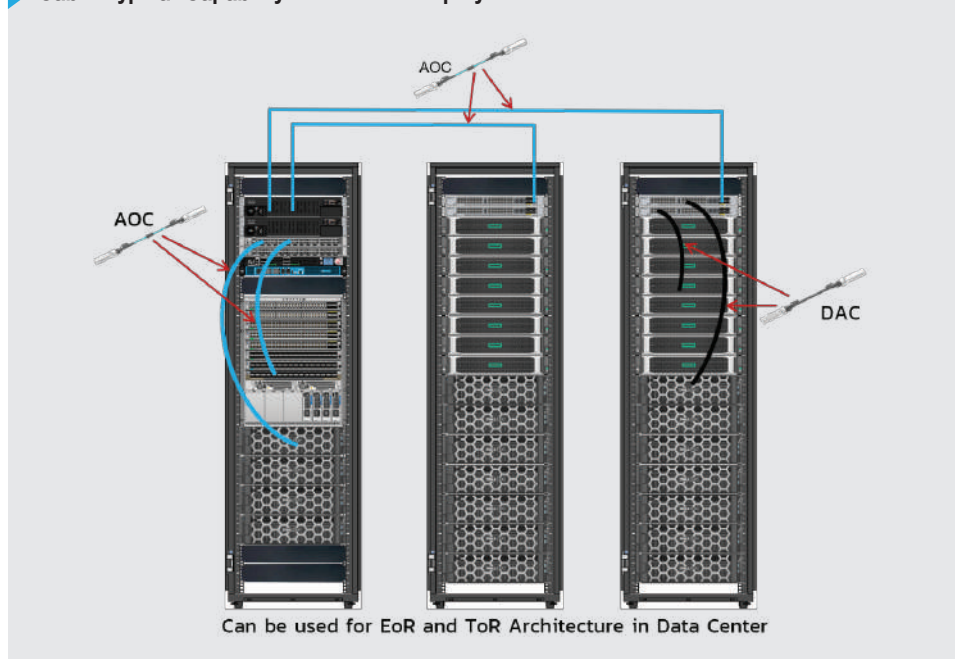
Features Highlight

- Hot-Pluggable and support data rate up to 40Gbps
- Supporting 40Gbps to 4x10Gbps
- Compliant with IEEE 802.3ba 40Gigabit Ethernet and IEEE 802.3ae 10Gigabit Ethernet
- 4-Channel Full-Duplex Copper Cable Transceiver
- Compliant with QSFP+ and SFP+ MSA
- 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**

Can be used for EoR and ToR Architecture in Data Center

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 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-D40G-4S-XXXXYY	40G QSFP+ to 4x10G SFP+ Breakout DAC

Note :

* Specifications subject to change without notice.
* XXXX is code of transceiver as requested from compatible list.
* YY is length as requested (40G QSFP+ 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