



UT-D01CQS-4S-XXYYZZ



## DAC (Direct Attach Copper Cable)

100G QSFP28 to 4x25G SFP28 Breakout DAC, 1m - 5m

### 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.

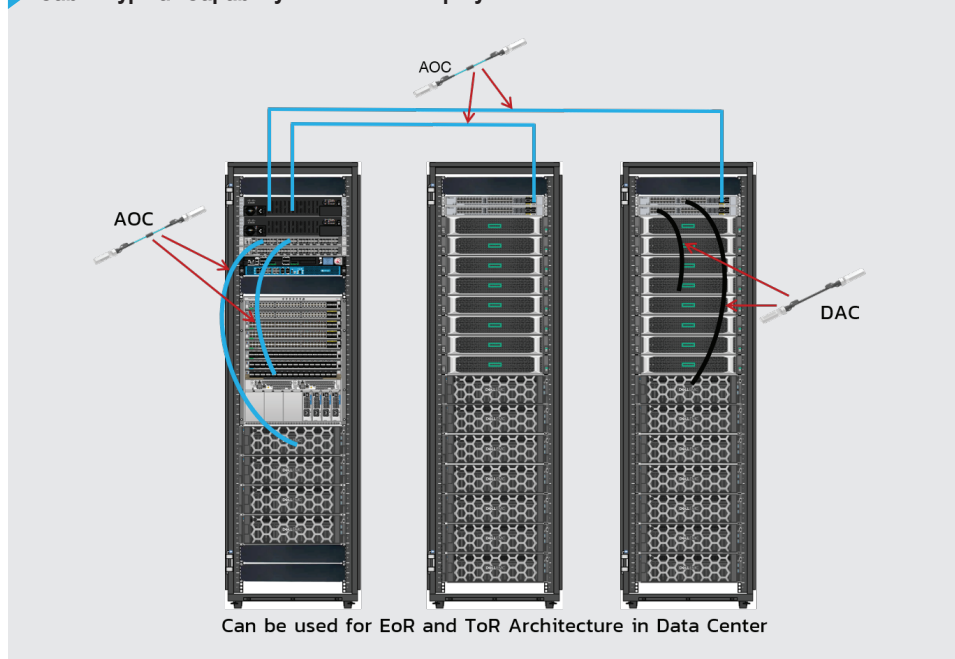
### Features Highlight

- Hot-Pluggable and support data rate up to 100Gbps
- Supporting 100Gbps to 4x25Gbps
- Compliant with IEEE 802.3bj 100Gb/s over copper cable
- Up to 5m transmission
- 4-Channel Full-Duplex Copper Cable Transceiver
- Compliant with QSFP28 and SFP28 Multi Source Agreement (MSA)
- Compliant with SFF-8665, SFF-8402, 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 QSFP28, SFP28 solution, enables higher port densities and greater bandwidth
- RoHS Compliant

### Applications

- Data center cabling infrastructure
- High Speed Data Center Interconnect
- 100 Gigabit Ethernet, 25 Gigabit Ethernet
- 100G QSFP28 and 25G SFP28 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 802.3by	25 Gb/s over copper cable
IEEE 802.3bj	100 Gb/s over copper cable
Mechanical and Environment	
Form Factor	QSFP28, SFP28
Connector Type	QSFP28 to 4xSFP28
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.

Certifications	
EMI	FCC Class B & CE
Green Product	RoHS
Ordering Information	
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### Note :

\* Specifications subject to change without notice.

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

\* ZZ: Length as requested (100G QSFP28 Up to 5m).

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

