



UT-D01CQS-XXYYZZ



DAC (Direct Attach Copper Cable)

100G QSFP28 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 cost 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.

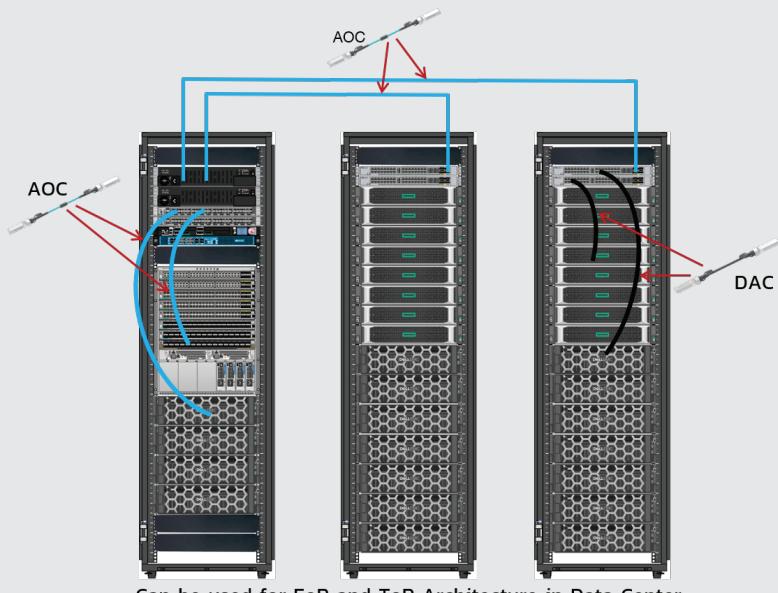
Features Highlight

- 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





Plug & Play



CE FCC



Technical Data

Standards		Certifications	
IEEE 802.3bj	100 Gb/s over copper cable	EMI	FCC Class B & CE
Mechanical and Environment		Green Product	
Form Factor	QSFP28		RoHS
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.		
Ordering Information		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

