100G QSFP28 Direct Attach Cables

100 Gigabit Passive Small Form-Factor Cables

Allied Telesis QSFP28 small form-factor direct attach cables are suitable for in-rack connections between QSFP28 ports, on all QSFP28 compatible products. They are ideal for short distances, and provide cost-effective connectivity within a rack, or in racks within close proximity of each other.

Point to Point cables

Allied Telesis QSFP28 direct attach cables are Point to Point, to provide a simple and cost-effective solution for connecting two QSFP28 ports, and providing high-speed 100 Gbps connectivity.

The cables are terminated at each end with QSFP28 connectors, allowing hot-swappable direct connection to all Allied Telesis products that support QFSP28 ports.

Cables are available in 1 m and 3 m lengths.

The cables are compliant with the standards MSA, SFF-8665 and SFF-8661, ensuring interoperability with other compliant products.

Interoperability

The Allied Telesis QSFP28 Series is fully compliant with industry-standard networking regulations. This allows Allied Telesis QSFP28 modules to be used on any networking equipment which complies with industry standards.

Specifications

Hardware

Connector	QSFP28
Data Transfer rate	4x 25.78125Gbps
Power Consumption	DC 3.3V, <10mW

Environmental

Operating temperature	0°C to 70°C (32°F to 158°F)
Storage temperature	-20 to 75 (-4 to 167 F)
Operating Humidity	5% to 90% RH (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)

Compliance

CE
EU RoHS

Physical Specifications

Cable Length	1 m (-1CU)
	3 m (-3CU)
Allowable bending radius	150 mm at base of QSFP28 connector
	100 mm at middle of cable
Weight	150 g (-1CU)
	250 g (-3CU)

Ordering Information

100G QSFP28 modules

AT-QSFP28-1CU
1 meter QSFP28 direct attach cable

AT-QSFP28-3CU
3 meter QSFP28 direct attach cable

Related Products

AT-SBx908GEN2-B0y
High capacity Layer 3+ modular switch chassis with 8 x high speed expansion bays, fans included

AT-x950-28XSQm-B0y
24-port 1/10G SFP/SFP+ stackable switch with 4 x 40G/100G QSFP+/QSFP28 ports, a XEM bay, and dual hotswap PSU and Fan bays

Key Features

▶ Compliant with 100GbE Specification IEEE 802.3bj 100GBASE-CR4

▶ Compliant with Industry standards MSA, SFF-8665 and SFF-8661

▶ Compact size

▶ Flexible architecture

▶ High port density

▶ Hot-swappable

▶ MSA compliant

▶ Pull-to-release slide latch design

▶ QSFP28 straight 100G Ethernet (NRZ)

AT-x950-28XTQm-B0y
24-port 1/2.5/5/10G copper stackable switch with 4 x 40G/100G QSFP+/QSFP28 ports, a XEM bay, and dual hotswap PSU and Fan bays

AT-XEM2-1CQ-B0y
1 x 100G QSFP28 port

Where 0y =   01 for 1 year Net Cover support
              05 for 5 year Net Cover support