

# QSFP Direct Attach Cables

## 40 Gigabit Passive Small Form-Factor Cables

Allied Telesis QSFP small form-factor direct attach cables are suitable for in-rack connections between QSFP+ ports, on all QSFP+-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 QSFP direct attach cables are Point to Point, to provide a simple and cost-effective solution for connecting two QSFP+ ports, and providing high-speed 40 Gbps connectivity.

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

Cables are available in various lengths, up to a maximum of 3 m.

### Breakout cables

Allied Telesis breakout cables allow equipment with one QSFP+ port to connect directly with four 10Gbps SFP+ ports. Ideal for use with Servers, Switches and Adapters,

these cables are terminated at one end with a QSFP+ connector, and SFP+ connectors each end of the four breakout cables. The cables are compliant with the standards MSA, SFF-8431 and SFF-8436, ensuring interoperability with other compliant products. Breakout cables are available in various lengths of up to 5 m for each individual cable.

### Interoperability

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

## Key Features

- ▶ Compliant with 40GbE Specification IEEE 802.3ba
- ▶ Compliant with industry standards MSA, SFF-8431, and SFF-8436
- ▶ Compact size
- ▶ Flexible architecture
- ▶ High port density
- ▶ Hot-swappable
- ▶ MSA compliant

## Specifications

### Environmental

Operating temperature	0°C to 70°C (32°F to 158°F)
Storage temperature	-40°C to 85°C (-40°F to 185°F)
Relative humidity	0 to 85% non-condensing

## Ordering Information

### QSFP+ Point to point DAC

**AT-QSFP1CU**  
QSFP+ 1 m cable

**AT-QSFP3CU**  
QSFP+ 3 m cable

### QSFP+ Breakout DAC Cables

**AT-QSFP-4SFP10G-3CU**  
QSFP+ port to 4 x 10G ports, 3 m

**AT-QSFP-4SFP10G-5CU**  
QSFP+ port to 4 x 10G ports, 5 m