

# Q-XCO Connector

## Quick-lock ruggedized SFP Connector



«The innovation for installation safe fiber optic connections»



Q-XCO is the most installation safe fiber optic interface on the market. The connector is designed for harsh outdoor applications as well as for installation in challenging environments like high up on radio masts under any atmospheric condition. Its «one-hand» blind mating performance in combination with full SFP tolerance compensation makes this connector the best in its class. Therefore, leading system vendors have chosen Q-XCO as the fiber optic interface for LTE remote radios and for state-of-the-art microwave backhaul systems - simply to have better connections.

# Q-XCO – the best connection

## Application

Quick-lock-mating connector for

- Remote Radio Head
- Microwave point-to-point links
- Industrial applications

## Features

- One step installation
- Blind mating mechanism (Bayonet)
- Highest installation safety
- Access and exchange of SFP module possible

## Benefits

- Full protection of optical interface during installation
- Ruggedized outdoor design (IP 67) with 2 x LC interface
- Full compensation of positioning tolerances and SFP module tolerances
- Plugs directly into SFP module, compatible with all standard SFP modules
- No force on SFP in mated condition



## Mating Mechanism



Rotate to find right keying position



Slide connector into flange and rotate 155° into snap-in position



Connector mated with visual reference for correct installation

Mating	1-step blind mating	bayonet
	mating references	visual and latch
Compensation of positioning tolerances of SFP module	z-axis	± 2.25mm
	x, y-axis	± 0.4mm (± 0.6mm depending on SFP module)
Latching of LC connector	use of LC HQ technology	automating latching and unlatching
Mating durability	IEC 61300-2-2	100 cycles
Force on SFP module		no force in mated state

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

### WAIVER

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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