



Features:

- Single-Mode Fiber-Optic Connection via SC connector
- Distance between Stations up to 20 km
- EtherCAT Conformance test tool verified
- Operating Temperature 0 to +70 °C
- Class 1 Laser International Safety Standard IEC-60825 Compliant
- Certifications: CE, FCC, VCCI

Specifications

Technical data	
RJ-45 Port	EtherCAT x 2 (100BASE-TX)
Fiber Port	Single-Mode; SC connector x 1
Distance between Stations	up to 20 km
Fiber Wavelength	1310 nm
General	
Protocol	EtherCAT
Ethernet Standard	IEEE 802.3
Transmission Rate	100Mbps
Power Connector	4-pins Power Input/Output & 2-pins FGND
Power Requirement	+19 to +50VDC Power Input (Typ. +24VDC@20mA)
Power Consumption	0.5 W
LED Indicator	PWR, RUN, LINK, ERROR
Certifications	CE, FCC, VCCI
Laser Safety	IEC-60825 Compliant
Environment	
Operating Temperature	0°C to +70 °C
Storage Temperature	-30°C to +80 °C
Relative Humidity	10 ~ 90% RH, Non-condensing
Hardware	
Dimension	107.45 x 66 x 30mm (Without DIN-Rail)
Weight	245 g
Installation	DIN-Rail Mounting

Ordering Information

QEC-R00JT3S-N	EtherCAT Fiber Optics Junction
QEC-R11JT3S-N	EtherCAT Fiber Optics Junction/PoE

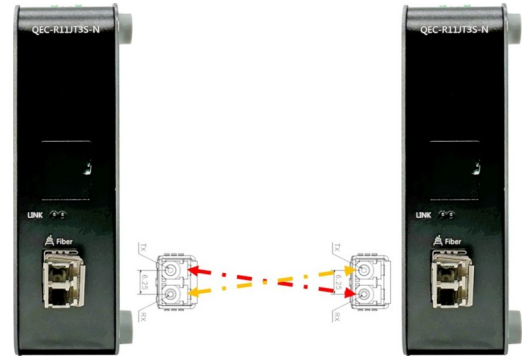
* For detailed ordering information, please contact our sales staff or view the user manual.

* **Important Note:** Since these products work as a pair, you must purchase two units of both QEC-R00JT3S or QEC-R11JT3S.

Connection Instruction

To properly connect two QEC-RXXJT3S units, ensure that you connect, this will ensure proper communication between the two devices over the fiber-optic link.

1. RX (Receive) on the first unit to TX (Transmit) on the second unit.
2. TX (Transmit) on the first unit to RX (Receive) on the second unit.



Dimension

