



QD

# Fiber Cable Receivers

## High-Power Beam Delivery

An accurate and safe fiber cable receiver is critical for termination of a high-power fiber optic cable. The different Coherent fiber cable receiver assemblies are easy to integrate due to small outer dimensions and simple mechanical interfaces. The receiver locks the fiber optic cable in place and close the fiber safety interlock circuit. The integrated conical interface guarantees a plug and play termination for the fiber optic cable.

### FEATURES & BENEFITS

- Safe locking mechanism
- Fiber interlock termination
- Compact dimensions
- Built-in temperature switch
- Plug-and-play

### APPLICATIONS

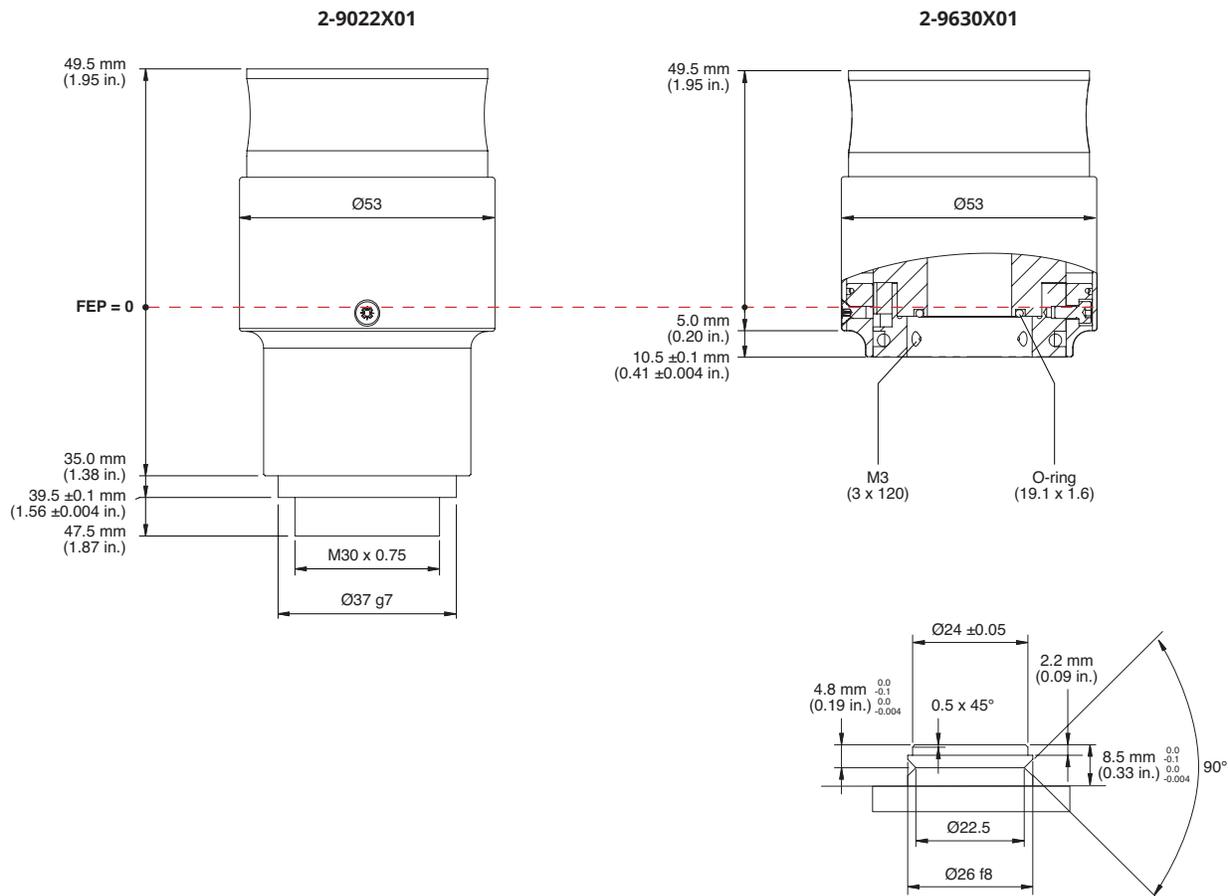
- Welding
- Cutting
- Surface Treatment
- Cladding
- 3D Additive Manufacturing



SPECIFICATIONS	Fiber Connector Mount	Bayonet
Fiber Cable Side	Output	Input and Output
Interlock Termination	Short-circuit incl. thermoswitch	Free wires
Thermoswitch	Yes, 70°C ±5°C, reset temp >30°C	No
DIMENSIONS & WEIGHT		
Dimensions	See page 3	See page 4
Weight (kg)	0.5	
ENVIRONMENTAL CONDITIONS		
Humidity (% RH)	<80	
Operating Temperature (°C)	5 to 50	
Storage Temperature (°C)	-25 to 70	
COMPLIANCE INFORMATION		
RoHS	Directives 2011/65/EU and 2015/863/EU	
REACH	Directive EC no 1907/2006	

## MECHANICAL SPECIFICATIONS

### QD Fiber Connector Mounts



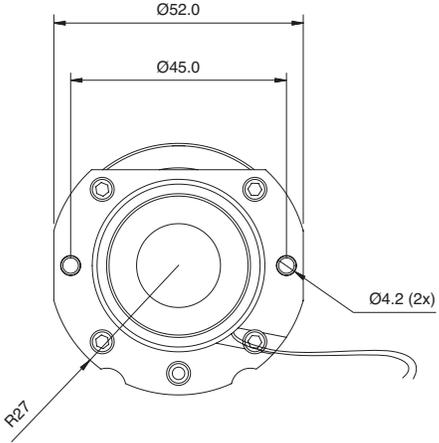
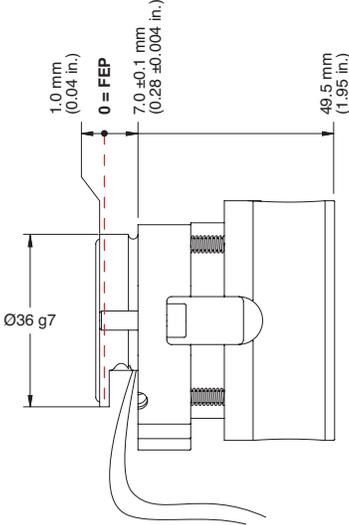
FEP = Fiber End Plane

Male Interface, Short Version  
(Customer Interface)

MECHANICAL SPECIFICATIONS

QD Bayonets

2-9027X01, 2-9047X01



FEP = Fiber End Plane

Interlock Wires:  
Free Cables [400 mm (15.75 in.)]

## PART NUMBERS

### Fiber Cable Receivers

Product Description	Part Number
QD Fiber connector mount	2-9022X01
QD Fiber connector mount, short	2-9630X01
QD Bayonet, fiber input side	2-9027X01
QD Bayonet, fiber output side	2-9047X01

### Accessories

Accessory	Part Number
QD Bayonet plug	2-3054X01



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Coherent offers a limited warranty for all QD Fiber Cable Receivers. For full details of this warranty coverage, please refer to the Service section at [www.coherent.com](http://www.coherent.com) or contact your local Sales or Service Representative. MC-044-20-0M0621 Copyright ©2021 Coherent, Inc.