

# QBH optical fiber core size



## Overview

QBH Fiber Optic Cable: 1030 nm to 1090 nm Datasheet SPECIFICATIONS QBH RQB  
Maximum Power CW (kW) 10 1. 20 Fiber Core Dimensions ( $\mu\text{m}$ )  $\leq 1000$  Fiber  
Concentricity ( $\mu\text{m}$ )  $\leq 10$  Z-position. ompatible with most available tools worldwide.  
The QBH fiber connector is water-cooled to optimize the performance including its  
superior power loss capability. The built-in mode stripper generates well-defined. Air-  
cooled QBH fiber optic cable adopts high-power resistant fiber core and professional  
air cooling structure, featuring low insertion loss, stable beam transmission and  
excellent heat dissipation performance. Optizone Technology has been devoloping  
and producing high power laser components since 2007, and has mass-produced  
Fiber Optical Cable since 2015. Our QBH-style laser heads are equipped with a safety  
interlock and are available in air-cooled or water-cooled versions with an anti-  
reflection coated. \*The actual dimensions may be different from above drawing due  
to different requirements, please see shipment data sheet. \*For FOC without window,  
the transmission @635nm is around 80% (Inner Core). \*The material must be RoHS  
compliant. Package Dimensions Ordering Information.



## Article Content

Oct 17, 2025

Beam Delivery Components QBH FIBER OPTIC CABLE

510 nm to 550 nm High-Power Beam Delivery The QBH fiber optic cable is the no.1 fiber interface for industrial high-power lasers. It's a well proven standard compatible with most available tools world

Nov 08, 2025

QBH Fiber Optical Cable 1080nm 8000W

Notes: Optizone Technology has been developing and producing high power laser components since 2007, and has mass-produced Fiber Optical Cable since 2015.

Nov 21, 2025

QBH Fiber Optical Cable 1080nm 8000W

It is available to customize the FOC series, including the QBH, Air-cooled Fiber End Cap, Large Beam Collimator with different wavelength and power.

Oct 13, 2025

Improved QBH Fiber Optic Cables | Coherent

Improved water cooling enables QBH fiber optic cables with greater reliability and higher power handling capacity.

Aug 19, 2025

Beam delivery components - for high-power lase

Beam shaping with optical fibers With square fiber core geometry the fiber optic not only guides the beam, it also transforms the beam shape. Square formed fiber cables are specially aimed for high

Jul 02, 2025

QBH Fiber Optic Cable

QBH Fiber Optic Cable High-Power Beam Delivery The QBH fiber optic cable is the no.1 fiber interface for industrial high-power lasers. It's a well proven standard compatible with most available tools world

Jul 12, 2025

QBH Fiber Optic Cable

For many end-users, this is a simple and cost-efficient way to connect laser and process head even in cases where they don't share the same fiber interface. For pigtail fibers, it is possible to have the

Sep 07, 2025

COHR QBH FiberOpticCable DL DS 1020 | PDF

COHR\_QBH\_FiberOpticCable\_DL\_DS\_1020 - Free download as PDF File (.pdf), Text File (.txt) or read online for free.

Aug 02, 2025

QBH Integrated Fiber Optical Cable 1080nm 1500W

\*The actual dimensions may be different from above drawing due to different requirements, please see shipment data sheet. \*For FOC without window, the transmission @635nm is around 80% (Inner

Jun 07, 2026

Fiber Laser QBH Optical Cable 20Meters 50um Core Diameter 125um ...

Home / Stage Laser Light / Fiber Laser QBH Optical Cable 20Meters 50um Core Diameter 125um Cladding For IPG Laser Source Cables 3KW YLR Model Raycus MAX

Jan 04, 2026

Fiber Optical Cable & Fiber Optic Cable

As a top optical fiber cable manufacturer in China, Optizone Technology provides fiber optics cable (QBH) covering the wavelength from 400nm to 1100nm and the power from 100W to 40kW.

Feb 09, 2026

QBH Fiber Optical Cable

QBH Fiber Optical Cable Various Length & Core Diameters Technical Parameters Overview Specifications Support

Jan 12, 2026

Fiber Optic Cables | Coherent

Fiber Optic Cables Key Parameters Select from standard QBH, QD, or RQB connectors, plus a wide range of AR coating, length, and even core shape

Nov 08, 2025

Fiber Laser Cable(QBH) Description Specifications

.,LTD. Fiber Laser Cable(QBH) 2019 ☆Description XHP fiber laser cable(QBH) features low loss, high holding power, high reflective capability, with water-c. oling and safe-lock options, stable and reliable.

Sep 23, 2025

2289081 Datasheet (PDF)

Part #: 2289081. Download. File Size: 639Kbytes. Page: 7 Pages. Description: QBH FIBER OPTIC CABLE. Manufacturer: Coherent Corp.

Dec 11, 2025

QBH Fiber Optical Cable | CINA LASER | Fiber Laser

QBH Fiber Optical Cable Various Length & Core Diameters Consult Now Technical Parameters

Jan 27, 2026

QBH FIBER OPTIC CABLE

Widely applied in fiber laser cutting, welding, marking and industrial high-power laser equipment. Custom core diameter, length and connector specifications are available to meet diverse industrial

## Contact Us

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