

High Power Laser Cable (QBH)

Features

Low Transmission Loss
High Power Handling Capability
High Reflection Power Endurance
Water Cooling & Safety Interlock Function Available

Application

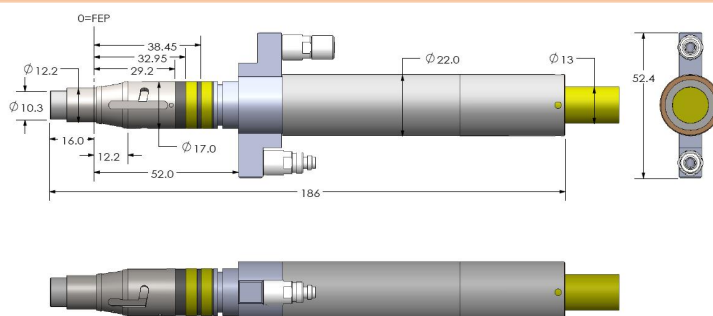
Laser Cutting
Laser Cleaning
Laboratory Design Solutions

Parameters	Value	Unit	Note
Center Wavelength	1080	nm	
Operating Wavelength Range	± 20	nm	
Max optical Power	6000	W	
Min Transimission	≥ 98	%	
Mode Stripping Rate	9-13	dB	
Output Beam Ellpticity	≥ 95	%	
Focal length	107 ± 1	mm	
Position X	-200/+200	μm	
Position Y	-200/+200	μm	
M ²	3.1	-	
Bare Fiber Length	≥ 2	m	
Jacket Length	20	m	$\Phi 13\text{mm}$, Yellow
Outer diameter of armored cable	13	mm	
Operation Temperature	+5~+45	°C	
Storage Temperature Range	-40~+85	°C	
Fiber Type	BD-S50/70/360-STN	-	

Head size (Protection cap without window plate)

Dimensions can be customized; the following images are for reference.

Mechanical Dimension



Ordering Information

GCQBH-1080-6KW-50/70/360-S-2m-22m

GCQBH-1-2-3-4-5-6

1	Wavelength	1064nm、1080nm - Specify
2	Handling Power	1000W 3000W 6000W 8000W , etc
3	Fiber Type	30/250, 100/120/360 etc.
4	Connector	S-Single Connector, D-Dual Connectors
5	Jacket Length	10 - 10m 13mm Armoured Cable : 20 - 20m 13mm Armoured Cable etc.
6	Bare Fiber Length With Loose Tube	01 - 1m 02 - 2m etc.