

HIGH POWER Fiber Optical Cable (QBH)

Features

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

Application

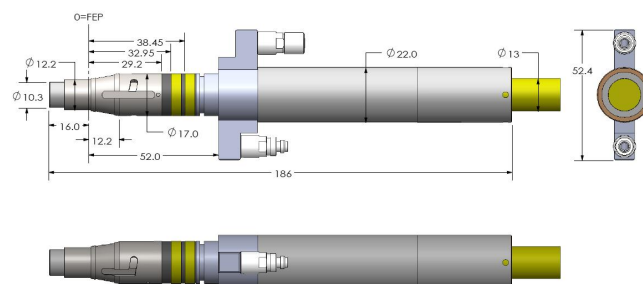
Laser Cutting
Laser Cleaning
Laboratory Design Solutions

Parameters		Value	Unit	Note
Operating Wavelength		969	nm	
Fiber Type		CSM 600/660/850	-	
Transmission Power Loss		3	%	
Stripping Efficiency		10	dB	
Point Angle		20	mrاد	
Average Power		0.6	KW	
Cable Diameter		13	mm	
Cable length		1.0	m	
Bare fiber length		1.0	m	
Interlock cable length		1±0.2	m	
Max. Water Pressure		-	Bar	
Flow of Water		1.2 ±0.2	L/min	
Cold Water Temperature		≥5, ≤20(Suggestion)	°C	
Water PH Value		5.6~7.9	-	
Water Hose Diameter		ID/OD=4mm/6mm	mm	
Quartz Rod	Dimensions	Φ2xL3	mm	
	Facet Angle	0	Deg	

Bare Fiber Spool Inside Laser Cavity.

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

Mechanical Dimension



Ordering Information

GCQBH-969-0.6KW-600/660/850-S-1.0m-1.0m

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.