

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

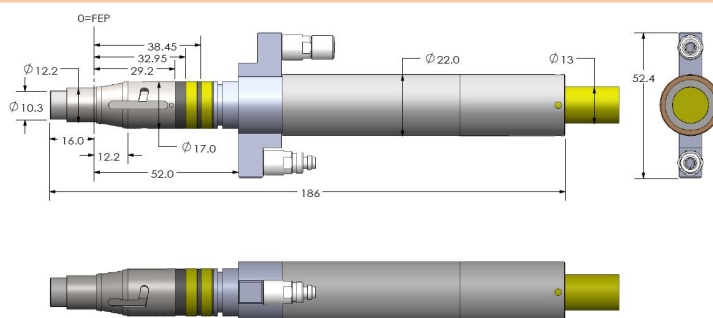
Laser Cutting
Laser Cleaning
Laboratory Design Solutions

Parameters	Value	Unit	Note
Center Wavelength	1030~1080	nm	
Transmission Efficiency	>97	%	
Ellipticity	>90	%	
Return Loss	>45	dB	
Fiber Type	LMA-GDF-14/250-M	-	
Max. Power Handling	1500	W	
CPS Attenuation	>15dB	dB	
Max. Forward Cladding Power	300	W	
Max. Reflection Power	500	W	
Tensile Load	25	kg	
Armoured Length	5	m	Φ 13mm, Yellow
Fiber Length	2	m	
Loose Tube Length	0.3~0.5	m	
Cooling	Water-Cooling	-	
Operating Temperature Range	0~65	℃	
Storage Temperature Range	-40~85	℃	

Head size (Protection cap without window plate)

Dimensions can be customized; the following images are for reference

Mechanical Dimension



Ordering Information

GCQBH-1030-1080-1500W-14/250-S-5m-7m

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.