

High Power Laser Cable (QBH)

Features

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

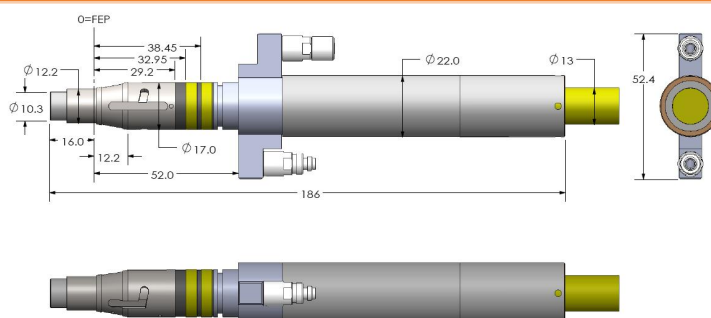
Application

Laser Cutting
Laser Cleaning
Laboratory Design Solutions

Parameters		Value	Unit	Note
Operating Wavelength		1064	nm	
Fiber Type		Nufern-PLMA-GDF-30/250-0.06/0.46NA	nm	
Quartz Rod Facet Angle		0	W	
Transmission Power Loss		3	%	max
Stripping Efficiency		10	dB	
Point Angle		20	%	
Average Power		1	kW	
Peak Power	@ 10ms pulse	8	kW	
	@ 1ms pulse	40	kW	
	@ 50ns pulse	8	MW	
Reflection Power	@ 10s	1.5	kW	
	@ 50s	1	kW	
	@ long time	0.6	kW	
Cable Diameter		3	m	
Cable length		0.5 ± 0.1	m	
Bare fiber length		1.5	m	

Head size (Protection cap without window plate) Dimensions can be customized.

Mechanical Dimension



Ordering Information

GCPMQBH-1064-1KW-30/250-S--0.5m-2m

GCPMQBH-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.