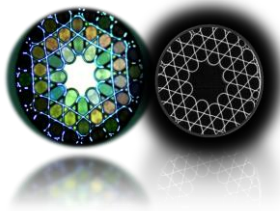


Beam Delivery Cable

The LLK compatible cable of GLO fiber technology



Available in wavelengths 532nm, 800nm, 1064nm, 1,5μm & 2μm



Bring the enabling & transformative power of hollow core fiber to industrial environment

FEATURES

- Ideal for High power Ultra short pulse lasers
- Ideal for industrial environments
- Robust design
- Water cooled & Vacuum handling

APPLICATIONS

- Micromachining
- Automotive
- Machine tools
- High power lasers

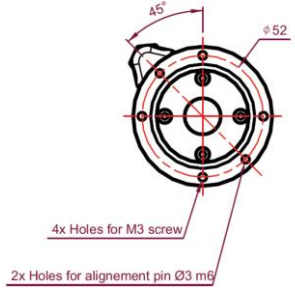
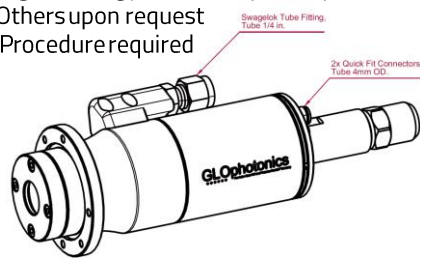
All specifications may be changed without notice

Optical Properties	Green	Ti:Saph	Yb&NdYag	Er	2µm
Working wavelength	515 / 532nm	800nm	1030/1064nm	1550nm	2µm
Transmission band** Attenuation low than 100 dB/km	200nm	100nm	300nm	400nm	350nm
Transmission efficiency	> 85%				
Fiber Numerical aperture	0,01-0,02				
Output beam quality (M ²)	<1,3				
Mode field diameter	26µm	44µm	39µm	41µm	42µm
Max input power	50W*				
Max energy for sub pico pulses	<500µJ*				
Bend loss @ 20cm bend radius	< 1 dB				

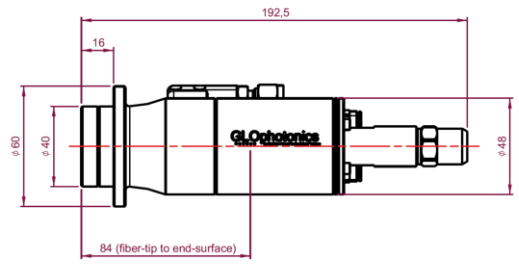
Physical Properties Green, TiSaph, Yb&NdYag, Er, 2µm

Fiber length**	2m, 3m, 5m
Cooling	Water-cooled. Connectors: Tube 4mm
Gas & Vacuum handling***	Achievable low pressure <1 mbar. (Typical with rough pump: xx mba) (BB) Max. pressure: 10 bars (QL/AL) Connector: tube 1/4 in.
Fiber coil **	13mm armored PU tube
Min. bend radius	20cm
Output**	Lik compatible cell

- * Higher energy available upon request
- ** Others upon request
- *** Procedure required



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