

Fiber Laser Cable(QBH)

☆Description

XHP fiber laser cable(QBH) features low loss, high holding power, high reflective capability, with water-cooling and safe-lock options, stable and reliable. It can be integrated into fiber laser device, laser processing system and direct semi-fiber coupling laser etc.



☆Specifications

Specs	units	Min.	Typ.	Max.	Notes
Optical parameters					
Operating wavelength	nm	900	-	1100	
Diameter of fiber core	um	10	-	800	
Numerical Aperture	-	0.06	-	0.39	
Transmission loss	%	-	-	2	Transmittance ≥ 98%
Top angle	mrad	-	-	2	
Forward cladding power	W	-	-	100	
Stripping efficiency	dB	10	-	-	
Average holding power	KW	-	5	-	
Peak power @915,975,1064nm	@10ms+	KW	-	8	
	@1ms+	KW	-	40	
	@50ns+	KW	-	8	
Reflective power @915,975,1064nm	@10s	KW	-	1.5	
	@50s	KW	-	1	
	@long time	KW	-	0.6	

☆Ordering Information

Part Number	Note	Options
XXX-XXX	Part type	XHP-QBH
X	Power grade	L = ≤1000W M = 1000~2000W H = ≥2000W S =Customized
XXX/XXXX	Operating wavelength	W1 = 915nm, W2 = 975nm, W3 = 1080nm
XX	Fiber type	F1 =20/400-DCF, F2 =25/400-DCF, F3 =30/400-DCF F4 =30/600-DCF, F5 =200/240-0.22NA, F6 =50/360-0.22NA F7 =100/360-0.22NA, F8 =200/360-0.22NA, F9 =300/360-0.22NA
XX	Fiber length	L10 = 1.0m
XX	Cable length	10 = 10m
X	Interface type	S =single, D =double

Example: XHP-QBH-L-W1-F1-L10-10-S

Address: F4 Building 3, No.33 of Nanjiang Road, Qionglai, Chengdu, China

Web: www.xh-photonics.com

Call: +86-028-88758900/+86-13699812260 **Fax.:** +86-028-88758900 **E-mail:** sales@xh-photonics.com **Weixin:** wxid_sanw8peldmci22