

Fiber Optic Systems

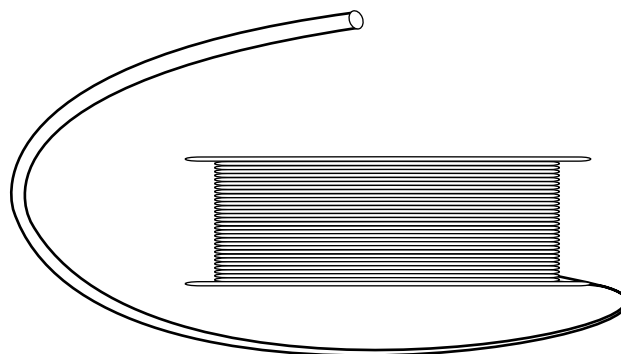
Micro Fiber / Stranded Fiber



INNOVATIVE
LIGHTING

Description:

BLFO-DB Stranded Micro Fiber is designed specifically for high performance endlighting effects. DB Fibers are perfect for starfields, twinkling signs, and custom installations.

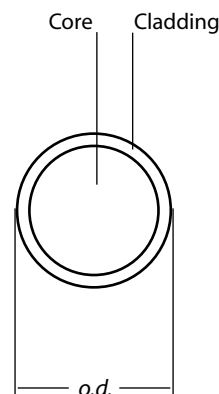


Physical Properties

Spool Sizes:

	Diameter	Spool Size
BLFO-DB500	ø0.5mm	6000m
BLFO-DB750	ø0.75mm	2700m
BLFO-DB1000	ø1.0mm	1500m
BLFO-DB1500	ø1.5mm	700m
BLFO-DB2000	ø2.0mm	250m

Expected Life:	15 years
Splicing:	Splicing is not possible
Cutting:	Cuttable at any length
	See Installation Guidelines for details

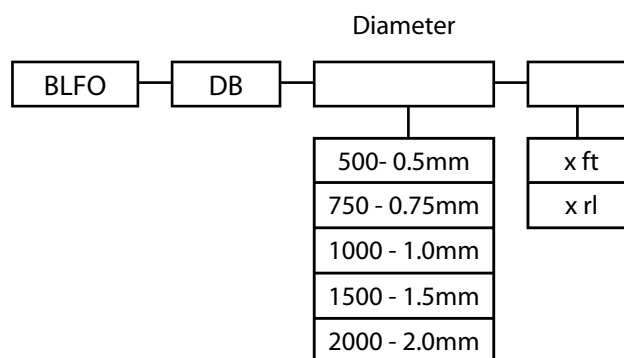


Environmental Properties

Operating Temperature	-55° - 70°C [min 10°C for install]
Resistance	Resistant to most chemicals Fungi/algae resistant
Fire Rating	UL94HB
Electrical Conductivity	Non-Conductive
UV Stability	UV Sensitive, requires UV protection

Transmission Properties

Refractive Index Profile	Step Index
Refractive Index	1.49
Attenuation	<0.06 dB/ft [<0.2 dB/m]
Min. Bend Radius	8 times the diameter
Spectral Trans. Range	380 - 750nm [visible spectrum]
Numerical Aperture	0.5



As part of BL's dedication to ongoing and continuous research and development, BL reserves the right to change or withdraw specifications at any time without notice.

