

UK AND WORLDWIDE

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Southampton
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sales@fibercore.com

Certificate of Conformance

Customer: Idealphotonics Inc
Specification Number: rev:

Manufacturer	Fibercore Ltd.
Fibercore Part Number	HB450
Customer Part Number	
Fiber Lot Number	32705B/B-00CBE
Fiber Length (m)	50

Fiber Parameters:

Parameter	Units	Lower Spec Limit	Upper Spec Limit	Actual Value	P/F
Attenuation @ 488 nm	dB/km		100	25.7	P
Beat Length at Operating Wavelength	mm		1.55	1.23	P
Beat Length @ 633 nm	mm		2	1.6	P
Coating Diameter	microns	238	252	239.1	P
Core Concentricity	microns		0.75	0.22	P
Cut-off Wavelength	nm	350	470	410	P
Fiber Diameter	microns	124	126	124.5	P
Mode Field Diameter	microns	3	4.1	3.6	P
Numerical Aperture		0.1	0.13	0.11	P
Operating Wavelength	nm		488	488	P
Proof test	%		1	1	P

Notes

MFD is a calculated value

Composition

Germanium
Phosphorus/fluorine doped silica inner cladding

Coating

Dual layer acrylate

Passed by:



Fibercore QA

Date: 13 January 2020

Fibercore Limited certifies, that the whole of the supplies detailed hereon conform in all respects to the Specification quoted above and order relative thereto and that the supplies have been inspected and tested in accordance with the conditions and requirements of the order (unless otherwise stated above).

For further information on your fiber, please contact your Fibercore Distributor quoting the fiber serial number.

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Certificate of Conformance

Customer: Idealphotonics Inc
Specification Number: rev:

Manufacturer	Fibercore Ltd.
Fibercore Part Number	HB600
Customer Part Number	
Fiber Lot Number	21379B/B-00BD
Fiber Length (m)	50

Fiber Parameters:

Parameter	Units	Lower Spec Limit	Upper Spec Limit	Actual Value	P/F
Attenuation @ 633nm	dB/km		15	9.9	P
Beat Length @ 633 nm	mm		2	0.8	P
Coating Diameter	microns	238	252	240.9	P
Core Concentricity	microns		1	0.18	P
Cut-off Wavelength	nm	500	600	540	P
Fiber Diameter	microns	124	126	124.4	P
Mode Field Diameter	microns	2.9	3.7	3.2	P
Numerical Aperture		0.14	0.18	0.16	P
Operating Wavelength	nm		633	633	P
Proof test	%		1	1	P

Notes

MFD is a calculated value

Composition

Germanium
Phosphorus/fluorine doped silica inner cladding

Coating

Dual layer acrylate

Passed by:




Fibercore QA

Date: 13 January 2020

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Certificate of Conformance

Customer: Idealphotonics Inc
Specification Number: rev:

Manufacturer	Fibercore Ltd.
Fibercore Part Number	HB750
Customer Part Number	
Fiber Lot Number	21745B/A-00BA
Fiber Length (m)	50

Fiber Parameters:

Parameter	Units	Lower Spec Limit	Upper Spec Limit	Actual Value	P/F
Attenuation @ 780 nm	dB/km		8	4.3	P
Beat Length at Operating Wavelength	mm		2.45	1.08	P
Beat Length @ 633 nm	mm		2	0.9	P
Coating Diameter	microns	238	252	243.6	P
Core Concentricity	microns		1	0.12	P
Cut-off Wavelength	nm	610	750	742	P
Fiber Diameter	microns	124	126	124.5	P
Mode Field Diameter	microns	3.5	4.6	4	P
Numerical Aperture		0.14	0.18	0.16	P
Operating Wavelength	nm		780	780	P
Proof test	%		1	1	P

Notes

Composition
Germanium
Phosphorus/fluorine doped silica inner cladding
Coating
Dual layer acrylate

Passed by:



Fibercore QA Date: 13 January 2020

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