

Leached image Bundles

Leached Image Bundles

For Flexible Imaging Applications

SCHOTT Leached Fiber Bundles are used primarily in endoscopes for medical, veterinary or industrial applications. Custom Leached Fiber Bundles are available on demand.

Standard Features

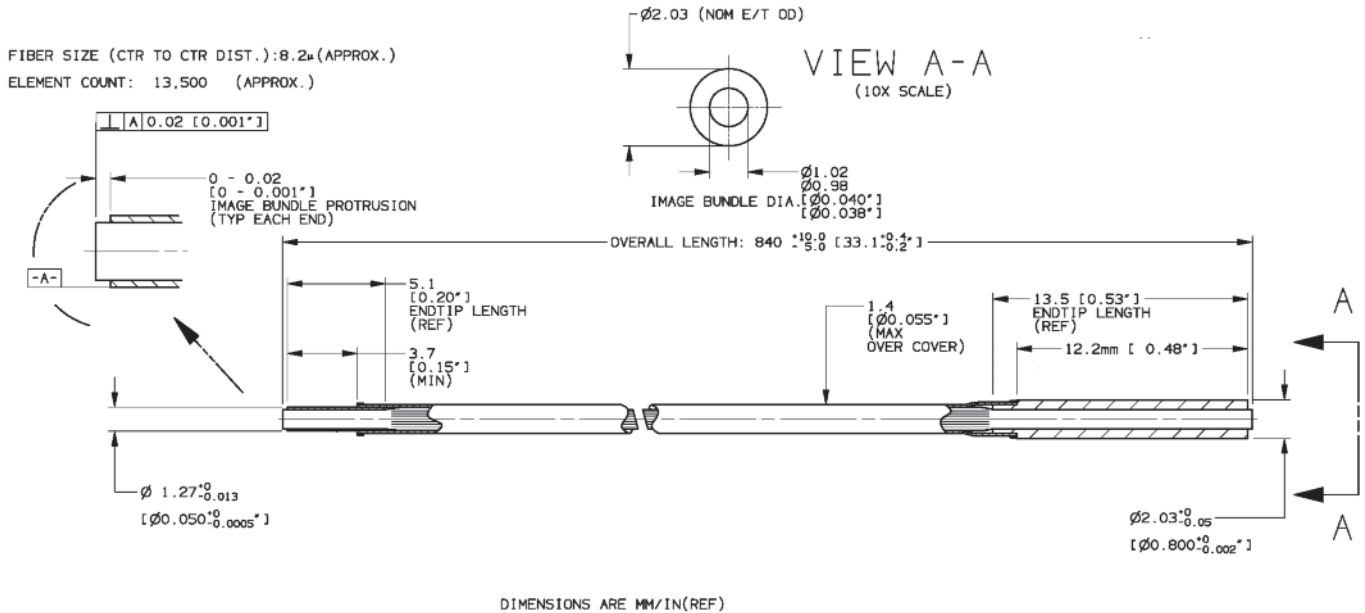
- Very flexible, coherent image guides.
- They are built by multiple draws of a high index core glass, with a lower index clad glass and an acid-soluble second cladding.
- Bundle diameter from 0.53 mm to 1.65 mm that can be used in endoscopes for space limited medical and industrial imaging applications.
- Bundle length up to 2000 mm
- High resolution image transfer with fiber sizes in the 7 μ m range

Leached Fiber Bundles							
Part No.	OD Outer Diameter (mm)	Length (mm)	Quality Area Diameter (mm)	Pixel Size (μ)	Pixel Count (k)	Distal Ferrule Diameter (mm)	Proximal Ferrule Diameter (mm)
1164453	0.53	1000	0.43	7.5	4.5	0.65 x 4.50 available with or without	1.00 x 12.00
1119368 (815 mm)	0.57	815 - 1000	0.45	8.0	4.5	0.76 - 0.77 x 5.00 available with or without	1.05 x 15.00
1119339 (965 mm)	0.67	995 - 1000	0.51	7.2	8.5	0.83 x 5.00 available with or without	1.05 x 15.00
1119542 (670 mm)	1.00	670 - 1000	0.80	8.2	13.5	1.27 x 5.00 1.16 x 5.00	2.03 x 13.50 1.60 x 10.00
1137189 (485 mm)	1.10	485 - 895	0.90	8.0	18	1.27 x 4.00	1.45 x 13.50 2.03 x 13.50
1119540	1.20	520	1.05	8.4	18	1.38 x 4.00	1.60 x 10.00
1119450	1.50	1350	1.30	10.6	18	1.84 x 6.5	1.98 x 15.00
1119388	1.65	1350	1.45	11.6	18	2.19 x 7.8	2.46 x 15.00

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Dimensions: in (mm); not to scale

Product improvements may result in specification or feature changes without notice.



Leached Fiber Bundle, 1119557

Lighting and Imaging

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