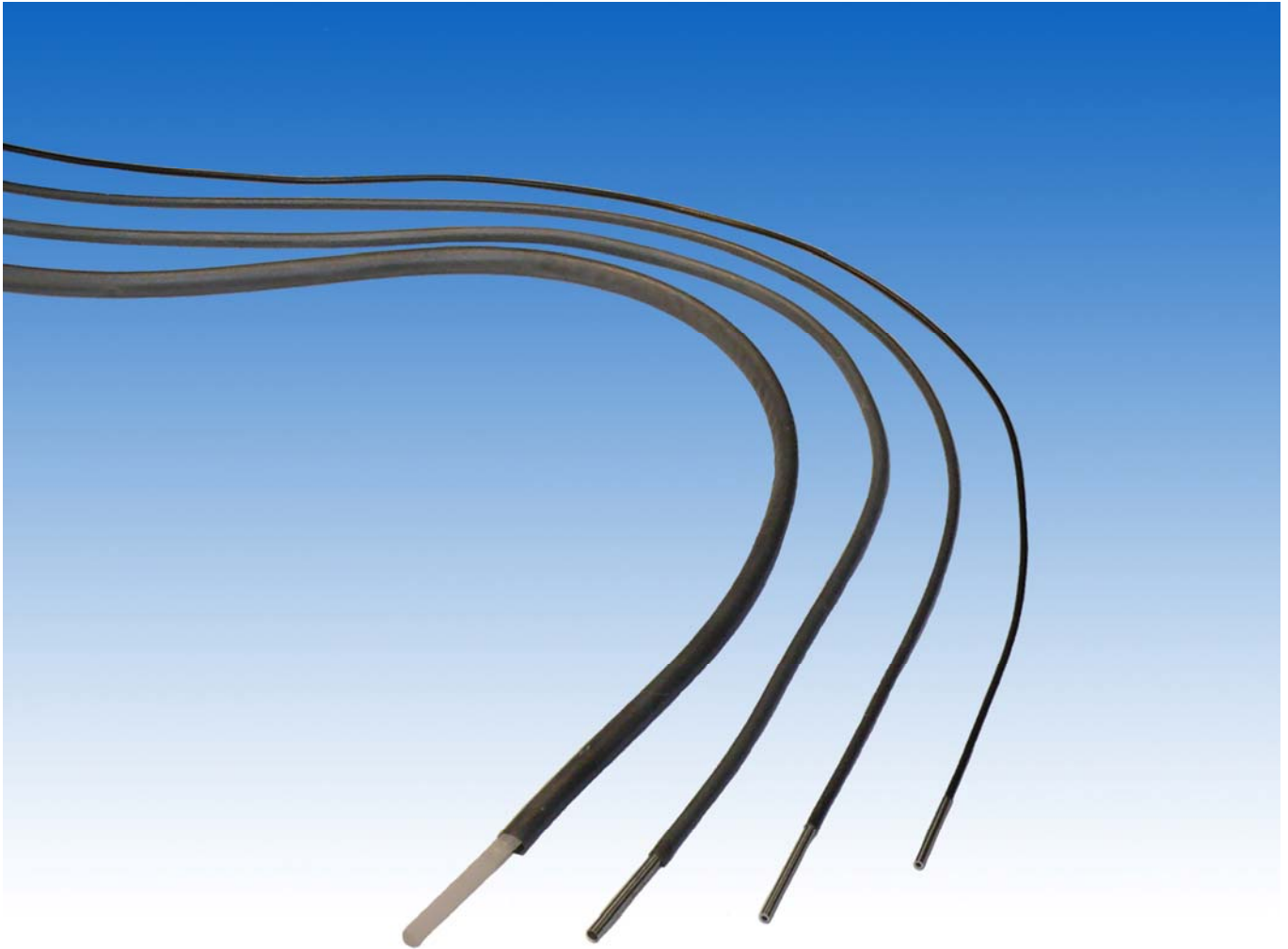


Leached Image Bundles

Flexible Imaging Applications

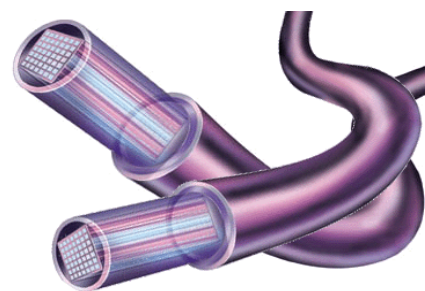


Performance Characteristics

Leached fiber bundles are 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 jacket glass. Leached Fiber Bundles are used primarily in endoscopes for medical or veterinary applications as well as in some industrial applications. Custom Leached Fiber Bundles are available on demand.

Typical Bundle Specifications

OD Outer Diameter (mm)	Length (mm)	Quality Area Diameter (mm)	Pixel Size (μ)	Pixel Count (k)	Distal Ferrule Diameter (mm)	Proximal Ferrule Diameter (mm)
0.45	1000	0.38	7.4	3.5	0.55 x 4.80	0.64 x 11.80
0.53	1000	0.43	7.5	4.5	0.65 x 4.50 available with or without	1.00 x 12.00
0.57	535 - 1000	0.58	7.5	8.2	0.84 x 5.00 available with or without	0.94 x 12.00
0.70	965 - 1000	0.51	7.2	8.5	0.83 x 5.00 available with or without	1.05 x 15.00
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
1.10	485 - 895	0.90	8.0	18	1.27 x 4.00	1.45 x 13.50 2.03 x 13.50
1.2	520	1.05	8.4	18	1.38 x 4.00	1.60 x 10.00
1.50	1350	1.30	10.6	18	1.84 x 6.5	1.98 x 15.00
1.65	1350	1.45	11.6	18	2.19 x 7.8	2.46 x 15.00



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