Pin fiber optic cable bundling

Fiber optic bundles can take on various configurations. In their simplest form, a bundle may consist merely of multiple fibers "bundled" together randomly, with identical terminations on each end.

XSOF designs and manufactures high-performance fiber optic bundles and arrays tailored to your specific requirements. Our assemblies are composed of multiple optical fibers, providing enhanced ...

Our stock fiber optic bundles are terminated with SMA905 connectors and are offered with high OH fiber, low OH fiber, and our mid-IR fluoride optical fiber (for 285 nm - 4.5 µm). Our bifurcated optogenetics ...

A bundle can be thought of as a jumper assembly, but with many more fibers, and a virtually unlimited number of options available for fiber types, cable materials and construction as well as end ...

For illumination and sensor applications, several optical fibers are often combined into fiber bundles. You determine the number of fibers to be bundled and the geometric dimensions of the ferrules.

FiberTech Optica delivers fiber optic bundles to meet almost any requirement. With virtually no limit on the number of fibers, all of our fiber optic bundles can be configured as spot, line, grid, hex, or ...

Custom-assembled optical fiber bundles for laser, sensing, and UV applications - precise light distribution and reliable beam guidance for demanding environments.

For some applications, some number of optical fibers is bundled together, forming a fiber bundle or fiber-optic bundle. In most cases, one uses multimode large-core silica fibers or plastic fibers.

End cap diameters and lengths are offered for select numerical apertures and fiber cores size but can be easily customized for a variety of fiber types and specialized applications. For the full range of design ...

IDIL designs custom optical bundles and probes, from UV to NIR, for complex applications, using customized fibers, connectors, and high-precision assembly. Contact us!

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