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As a leading supplier of advanced fiber optic components, Molex has an extensive product offering that includes a full range of fiber optic connectors and adapters.

Optical fiber cables are the technology behind this kind of data transmission. In this blog post, we will explore the different types of optical fiber cables, their benefits, and their applications in different ...

Description: Not all fiber optic cables are functional in NIR. We need to use low O-H fiber cables. Attached are some spectral response curves for various fiber optic cables.

A fibre optic cable for spectroscopy consists of a core material (quartz) and a cladding with a lower refractive index (doped quartz) and a rugged supportive jacket.

Molecular wires can be incorporated into polymers, enhancing their mechanical and/or conducting properties. The enhancement of these properties relies on uniform dispersion of the wires into the ...

Remote fiber optic spectroscopy is a sophisticated technique that uses fiber optic couplers, cables, and accessories to analyze samples at a distance from the spectrophotometer. The technique unlocks a ...

In this article, we review the recent advances of molecular contrast OCT imaging techniques, the corresponding contrast agents, especially the nanoparticle-based ones, and their applications. We ...

Optical trapping has been widely used to uncover fundamental aspects of molecular and cellular biology, including understanding the movement mechanisms of molecular motors and the ...

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