ZTP Thermal & Power

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Single-mode fibers support only one guided mode per polarization direction, ensuring a constant output beam profile.

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Unlikemulti-modeopticalfiber,single-modefiberdoesnotexhibitmodaldispersion.This is due to the fiber having such a small cross section that only the first mode is transported. Single-mode fibers are therefore better at retaining the fidelity of each light pulse over longer distances than multi-mode fibers. For these reasons, single-mode fibers can have a higher bandwidth than multi-mode fibers. Equipment for single-mod

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