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Multiband Optical Filters Are Telecom Networks' Multitaskers

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Multiband Optical Filters Are Telecom **Networks' Multitaskers**

The ability to combine more than one spectral band into a single optical filter can enable flexibility of system design and reduce the number of components and the costs needed to achieve a desired functionality in fiber optic telecom components. Recent advances in multiband and multifunction filters support the development of dualand multi-bandpass filters for use in the backbone WDM architectures for wireless networks, and enable hybrid GFFs that couple gainflattening functionality with laser pump blocking to improve performance and save module build costs.

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