



ALL-FIBER MODE MULTIPLEXER



Take advantage of more
physical channels in a single optical fiber





FEATURES

- All-fiber
- Compact size
- High selectivity of mode excitation
- Low intermodal crosstalk
- MUX/DEMUX configuration



SPECS

- Broadband operation
- Address up to six modes in basic configuration
- Standard SMFs on input/output
- Low loss



APPLICATIONS

Our device is created in order to **increase the efficiency of data transmission**. It is dedicated for ultra-high capacity networks with **space division multiplexing**. By applying InPhoTech's mode multiplexer one can construct **new generation networks** without the need for MIMO.

Simple addressing of modes in few mode fibers is now possible. Using state of the art technology we create solutions for future optical networks.