

Fiber Optic Feedthroughs Used in High and Ultra High Vacuum Systems

MPF Fiber Optic Feedthroughs are designed for UHV applications with extremely low outgassing rates and excellent helium leak rates. These products are designed to mate with industry standard connectors (FC/PC, FC/APC, and FSMA). They also allow for high transmission and minimal insertion loss at interconnects. We offer four fibers in single mode and four fibers with broader range frequencies (multimode).



MPF Single-Mode Fiber Optic Feedthroughs come in four wavelengths (633nm, 780nm, 850nm & 1310nm – 1550nm) and connect via FC/APC-style connectors. They come mounted on various flange styles & sizes.



MPF Multi-Mode Fiber Optic Feedthroughs come in four wavelength ranges (MM50, MM200, MM400, & MM600) and connect via FC/APC, FC/PC, & FSMA-style connectors. They come mounted on various flange styles & sizes.