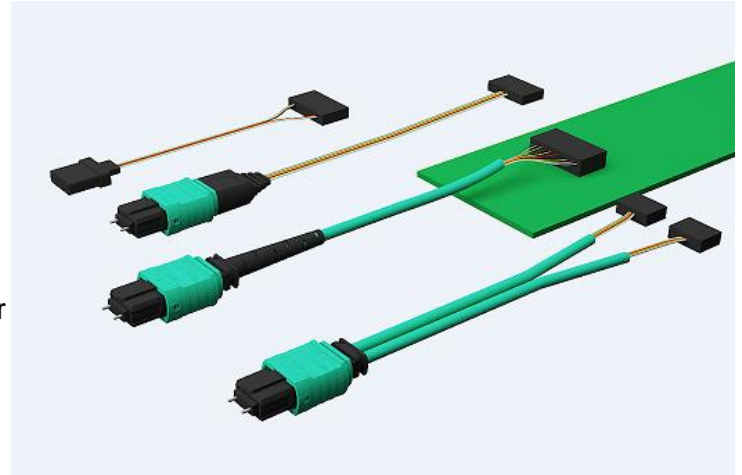




On-Board Optics (OBO) Custom Assemblies

Working in close collaboration with our customers, Optec provides advanced on-board optics (OBO) fiber assemblies for enabling interconnections from front panel, mid-board to backplane applications.

Optec's industry leading experience and multi-fiber engineering excellence have been applied to each advanced and customized on-board optics (OBO) fiber assemblies. These tiniest fiber assemblies take ever important role in the entire process of conceptualizing ideas, designing, developing and eventually introduce a new OBO product.



Features and Applications

Fully customizable advanced fiber assemblies solutions
Delivers design flexibility to meet the needs of specific on-board fiber interconnection applications

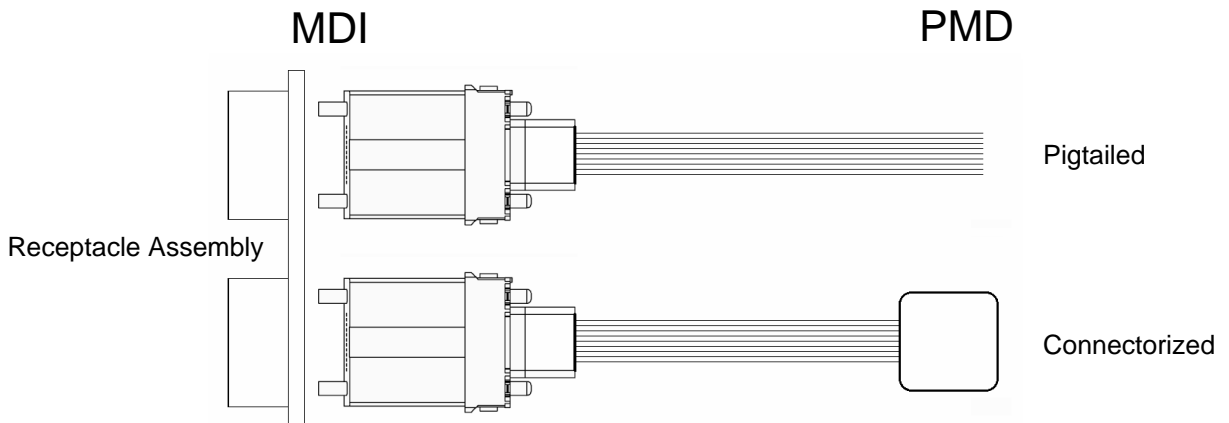
Precision fiber cleaving using the latest laser technology
Precise control on every geometry of the fiber end-face for delivering superior optical quality

Unprecedented support for high-performance on-board optics system
Support fiber interconnection from chip-to-chip, board-to-board, on-board, and system-to-system

Extremely low profile interconnect solution
Unique designed and manufacture process made according to customer designed OBO structure

Product Illustration

IEEE had defined the Media Dependent Interface (MDI) and Physical Medium Dependent (PMD) for on-board optics. For MDI, there are different industrial standards that defined the channelling and types of connectors for both single fiber and MT-based connectors. Optec offers assemblies with contemporary connectors as designated. For PMD, it can be in form of Pigtailed or Connectorized. Optec is capable of assembling jumpers according to customized connectors upon demand. Pigtails can be stripped and cleaved according to specific requirements of length and angle .



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