



MPC Metallic PIC Connector

Increase in Shoreline Density

Metallic PIC connectors are constructed from stamped metallic optical benches. They include micro mirror arrays for folding, focusing, or expanding light beams between optical fibers and photonic devices. Mirror designs are available for multimode and single-mode applications.

MPC 16 fibers

127 µm pitch

4.4 mm



- Compatible with SM and PM fiber
- · Expanded-beam capability
- Low profile

APPLICATIONS

mirror array

- Next-generation
 Pluggable Transceivers
- Co-Packaged Optics CPO
- Custom Applications (Sensors)

stamped aluminum groove array

MPC 8 fibers

250 µm pitch

3.2 mm



MOB: metallic optical bench aspherical mirror optical fiber glass cover plate EXPANDED-BEAM

grating

coupler

silicon photonic chip

This product is subject to United States export control laws.

thermally-stable

frame

MPC 20 fibers

127 µm pitch

5.0 mm

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silicon photonics



expanded-beam



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custom application

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