

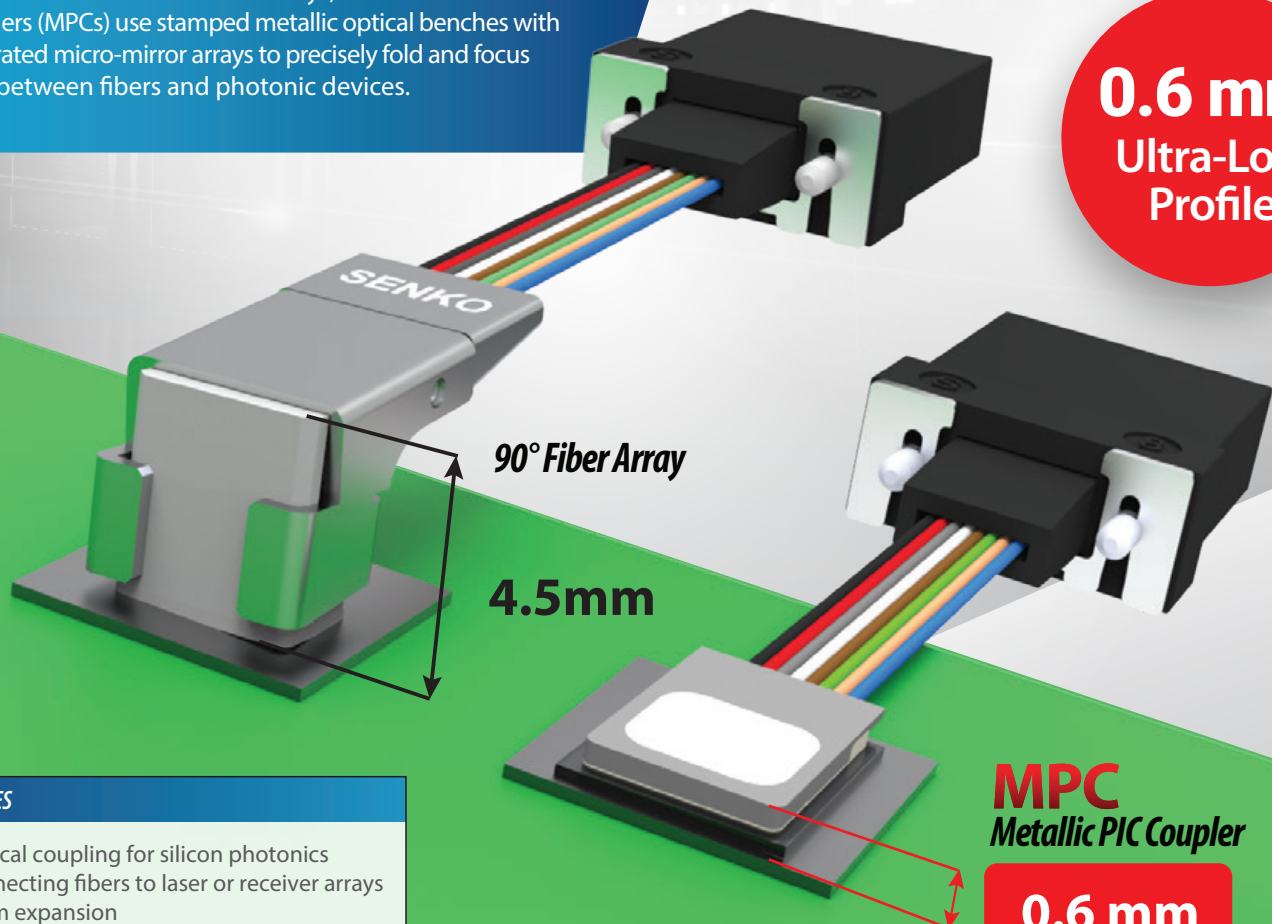


MPC *Metallic PIC Coupler*

MPC vs Fiber Array

Unlike conventional 90° fiber arrays, SENKO's Metallic PIC Couplers (MPCs) use stamped metallic optical benches with integrated micro-mirror arrays to precisely fold and focus light between fibers and photonic devices.

0.6 mm
Ultra-Low
Profile



FEATURES

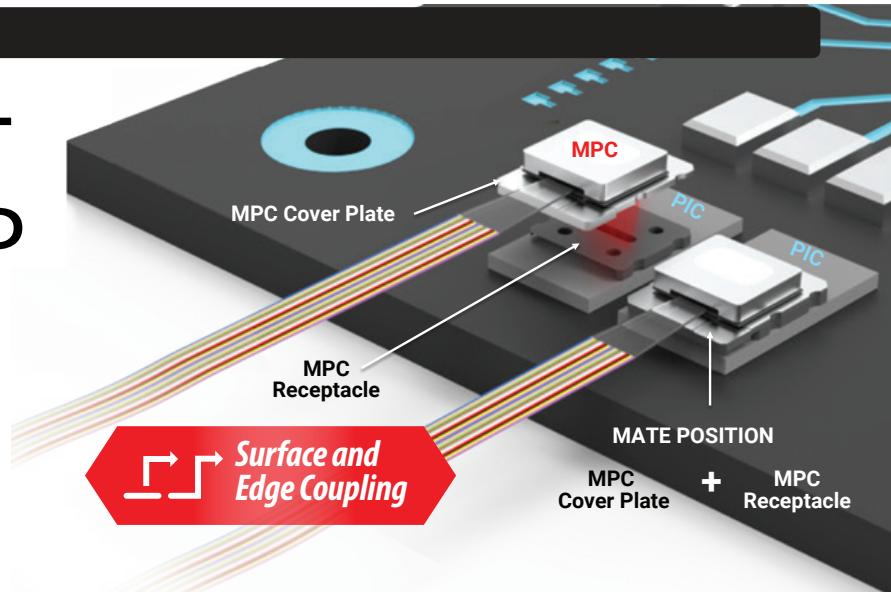
- Vertical coupling for silicon photonics
- Connecting fibers to laser or receiver arrays
- Beam expansion
- Thermal stability
- Reflowable design
- Low profile



MPC METALLIC PIC COUPLER

STEERING LIGHT FROM THE CHIP

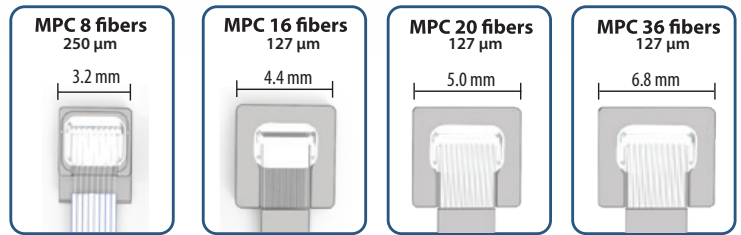
Metallic PIC couplers are constructed from stamped metallic optical benches. They include micro mirror arrays for folding-and-focusing light beams between optical fibers and photonic devices. Mirror designs are available for multi-mode and single-mode applications.



FREEFORM MICRO MIRROR ARRAY

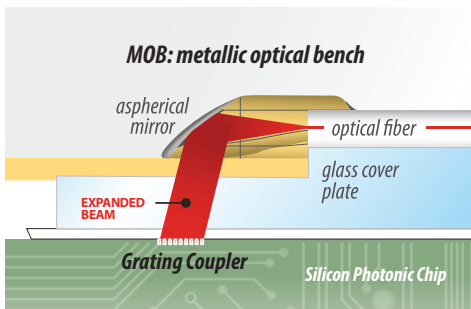


MPC IS CUSTOMIZABLE TO SUIT A WIDE VARIETY OF APPLICATIONS

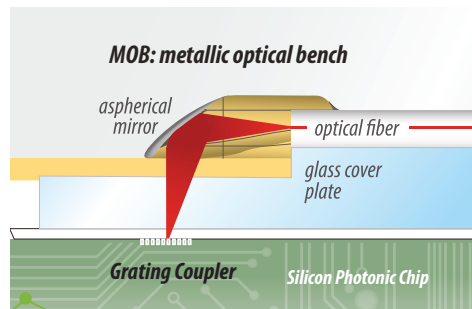


All available as detachable options

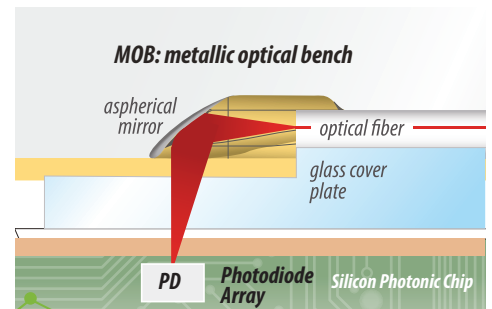
Expanded Beam Technology



Expanded-beam



Silicon photonics



Photodiode arrays