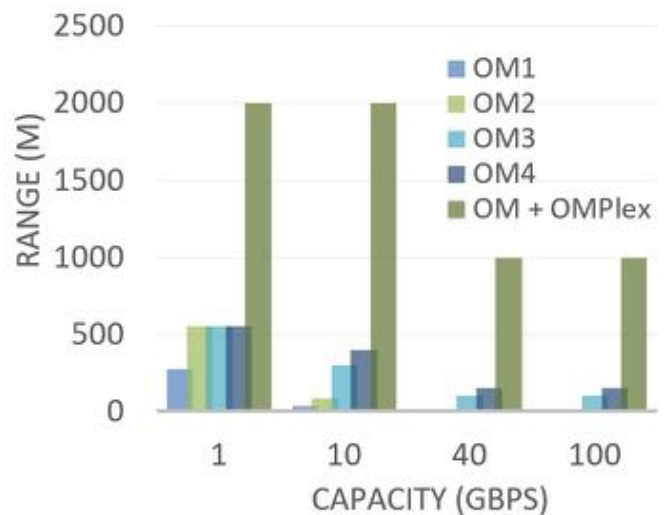
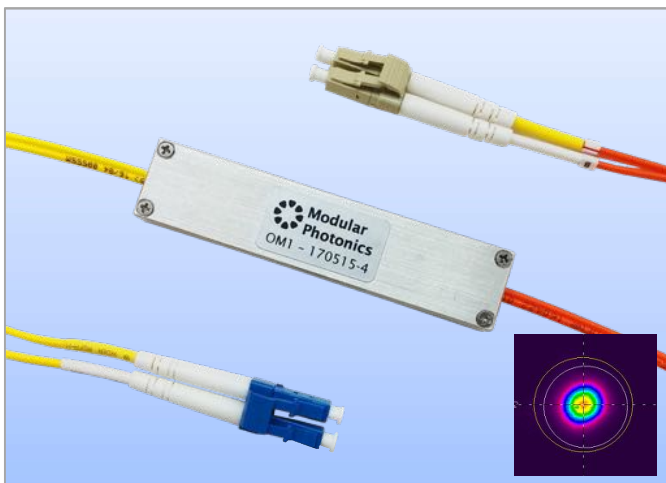


## Specifications | OMPlex Series

### Single-Mode Performance over Multimode Fiber

Modular Photonics' OMPlex enables exclusive excitation of the fundamental mode in common graded index multimode optical fibers. By connecting the OMPlex onto either end of legacy multimode fiber, state-of-the-art single-mode transceivers can be operated across the old multimode fiber infrastructure, significantly improving the capacity and transmission reach. The OMPlex series is suitable for OM1, 2, 3 and 4 fiber and has been validated using 10GBASE-LR technology. Technology uses high-precision connectors, or can be spliced directly onto OM fiber.



Parameter	OM1	OM2
Max. Back-to-Back Insertion Loss 1310 nm (1550 nm)*	<4 dB (5.5 dB)	<3 dB
Transmission Range – Standard.	33 m	82 m
Transmission range with OMPlex upgrade.	2,000 m	2,000 m
Typical Insertion Loss at 1310 nm (1550 nm)	1.2 dB (1.3 dB)	1.1 dB (1.3 dB)
Maximum Insertion Loss at 1310 nm or 1550 nm	1.7 dB	1.7 dB

\*Using fiber connector.

## CONTACT

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