

## ADD-LC-LC-2M9SMFLZ

2m LC (Male) to LC (Male) Straight Yellow OS2 Duplex LSZH Single-Mode Fiber (SMF) Patch Cable

### Features

- Designed for 10Gig Ethernet applications, OS2 Rated
- LC/LC connectors
- 9/125 Single-mode patch cable
- Fiber optic distributed data interface (FDDI) rated
- Color: Yellow
- LSZH Jacket
- PC polishing type standard



### Product Description

This is a 2.0m (6.6ft) LC (male) to LC (male) yellow OS2 Duplex LSZH-rated patch straight cable that is used for high speed data transfer. OS2 is a standard single-mode optical fiber commonly used with wavelengths of 1310nm and 1550nm (9/125 microns), and has a maximum attenuation of 1dB/km. The OS2 standard is defined in ISO/IEC 11801. Duplex cabling provides two-strands of fiber and is most commonly used in applications that utilize one lane to transmit and one lane to receive. Our patch cables are 100% compliant for all of your networking needs and are guaranteed by federal law to not affect or void OEM warranties.

Type	Single-Mode
Insertion Loss	$\leq 0.20\text{dB}$ (Typical $\leq 0.1\text{dB}$ )
Return Loss	$\geq 55\text{dB}$
Polishing	PC

Cable Length	Tolerance
Cable Length $< 1\text{M}$	5cm
$1\text{M} \leq \text{Cable Length} < 15\text{M}$	10cm
$15\text{M} \leq \text{Cable Length} < 30\text{M}$	15cm
Cable Length $\geq 30\text{M}$	Cable Length* 1%

**About AddOn Networks**

In 1999, AddOn Networks entered the market with a single product. Our founders fulfilled a severe shortage for compatible, cost-effective optical transceivers that compete at the same performance levels as leading OEM manufacturers. Adhering to the idea of redefining service and product quality not previously had in the fiber optic networking industry, AddOn invested resources in solution design, production, fulfillment, and global support.

Combining one of the most extensive and stringent testing processes in the industry, an exceptional free tech support center, and a consistent roll-out of innovative technologies, AddOn has continually set industry standards of quality and reliability throughout its history.

Reliability is the cornerstone of any optical fiber network and is engrained in AddOn's DNA. It has played a key role in nurturing the long-term relationships developed over the years with customers. AddOn remains committed to exceeding industry standards with certifications from ranging from NEBS Level 3 to ISO 9001:2005 with every new development while maintaining the signature reliability of its products.

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