

# Fiber Modal Adapter

CORNING

## Part Number info: 660-Q33Z-1L900

The Fiber Modal Adapter is a device that prepares newly installed multimode fiber for faster data transmission in the future. It also provides an affordable solution for upgrading older OM1 and OM2 installations that can't handle higher data rates and are often expensive to replace. With these adapters, we've successfully shown error-free transmission over a 1-kilometer multimode fiber using a 100G CWDM4 transceiver, which carries 4x25 Gbps data at four different wavelengths around 1310 nm. The adapter can support even faster data rate transceivers in the future, as demonstrated with 400G transmission. Our start-to-finish vertical integration allows us to optimize deep research and development capabilities for both troubleshooting and long-term product evolution using advanced equipment and technology.

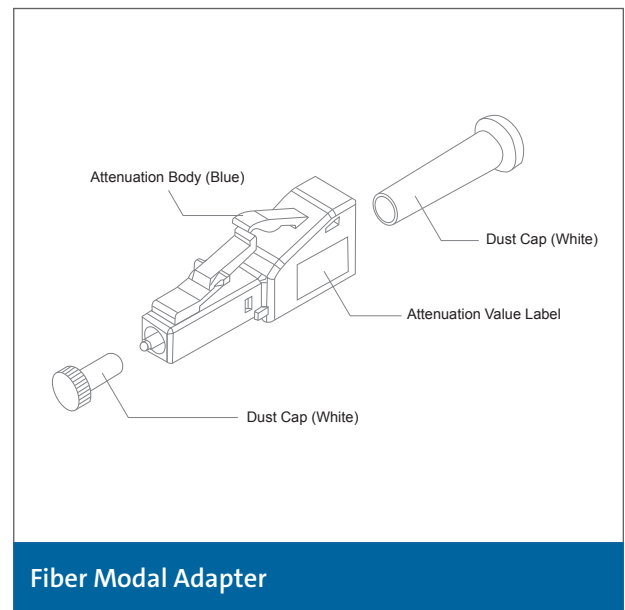
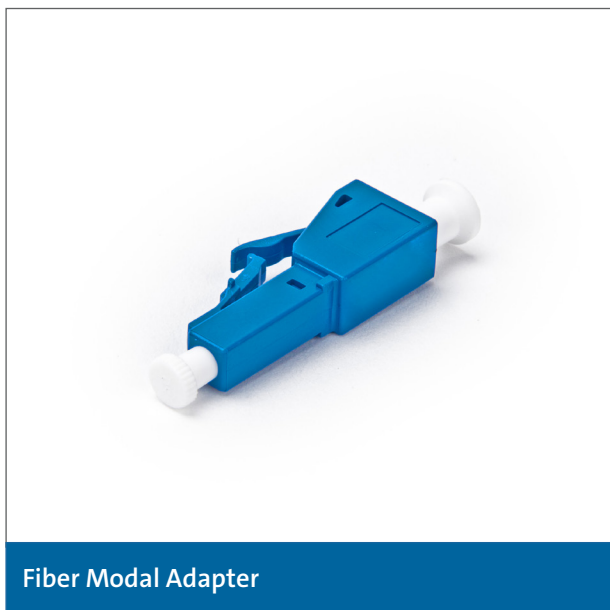
## Features and Benefits

Simple and compact solution for enabling high data rate transmission

Specifically designed for use with multimode fiber links

Supports legacy multimode fiber links in higher data rates without the need for rip and replacement

Utilizes specially designed modal conditioning single-mode fiber for fundamental mode transmission through multimode fiber



# Fiber Modal Adapter



## Product Specification Sheet

### Optical Performance Characteristics

Parameter	Minimum	Typical	Maximum
Operating Wavelength (nm)	1310 ± 5nm		
Insertion Loss over operation band (dB)			1.7
Return loss over operation band (dB)	50		
IL Ripple (dB)			0.5
PDL (dB)			0.3
PMD (ps)			0.2
Optical Power (mW)			500

### Environmental Specifications

Parameter	Minimum	Typical	Maximum
Operating Temperature (°C)	-40		+85

### Mechanical Specifications

Parameter	Minimum	Typical	Maximum
Package Dimension (mm)	N/A		
Labeling and Packaging	AFOP Standard		
Connector Type (dB)	LC/UPC		

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