



# OM1 Bare Multimode Optical Fiber Spool 62.5µm Core

## Product Overview

OM1 bare multimode optical fiber is a high-quality solution engineered for various telecommunications and networking applications. It ensures reliable, high-speed data transmission with superior performance, making it ideal for data centers, enterprise networks, and telecommunications infrastructure.

## Key Specifications

Brand Name	Winners
Model Number	OM1
Product Type	Bare Fiber Optic
Core Diameter	62.5±2.5 Microns
Cladding Diameter	125±1 Microns
Group Refractive Index	1.496 (850nm), 1.491 (1300nm)
Overfilled Modal Bandwidth	≥200 MHz • km (850nm), ≥500 MHz • km (1300nm)
Core/Cladding Concentricity Error	<1.5 Microns



Coating/Cladding Concentricity Error	$\leq 10$ Microns
Core Non-Circularity	$< 5\%$
Cladding Non-Circularity	$< 1\%$
Coating Non-Circularity	$\leq 6\%$
Attenuation Rate	$\leq 2.7\text{dB/km}$ (850nm), $\leq 0.6\text{dB/km}$ (1300nm)
Delivery Length per Reel	4.4–17.6 km

## Key Features

- Adopts Corning ClearCurve technology for bend insensitivity, suitable for installation in tight spaces without performance loss
- Low signal attenuation and minimal dispersion, ensuring high-speed data transfer and signal integrity
- Versatile compatibility with multiple wavelengths, meeting diverse optical networking requirements
- Precise structural design with tight tolerances, enhancing overall reliability and efficiency

## Applications

- Indoor networking systems



- Telecommunications infrastructure
- Data center connectivity
- Enterprise network deployments

## **Support & Services**

Comprehensive technical support is provided, including product installation assistance, troubleshooting, and maintenance guidance. Training programs are also available to help customers maximize the performance of the OM1 fiber product. Our team responds promptly to address any technical issues efficiently.