

MIC™ 250 2.0 Indoor Cable 96 F, 50 µm multimode (OM4), Plenum

CORNING

Part Number: 096TD9-T1390-M2

Corning MIC® 250 2.0 cables utilize 250 µm color-coded optical fibers surrounded by dielectric strength members with a flexible, flame-retardant outer jacket. These cables are ideal for splicing 250 µm to 250 µm fibers. The small design allows for the cable to be used as an alternative to traditional indoor cable when a smaller diameter is required. The flexible, flame-retardant jacket and non-preferential bend axis allow easy installation in space-constrained areas, and the all-dielectric cable construction requires no grounding or bonding.

This cable is available in 12 different jacket colors blue, orange, green, brown, slate, white, red, black, yellow, violet, rose and aqua. The colored jacket allows for easy visual identification of the cables, with the standard jacket color will be determined by the dominant fiber type in the cable.

Features and Benefits

Color-coded fibers

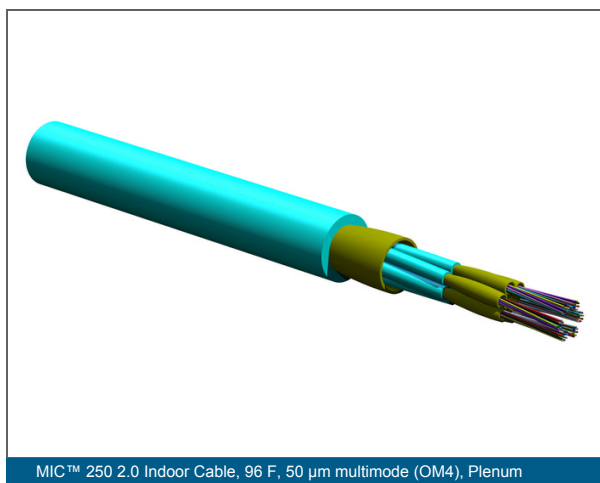
Quick and easy identification

Subunitized with 12 fiber groupings

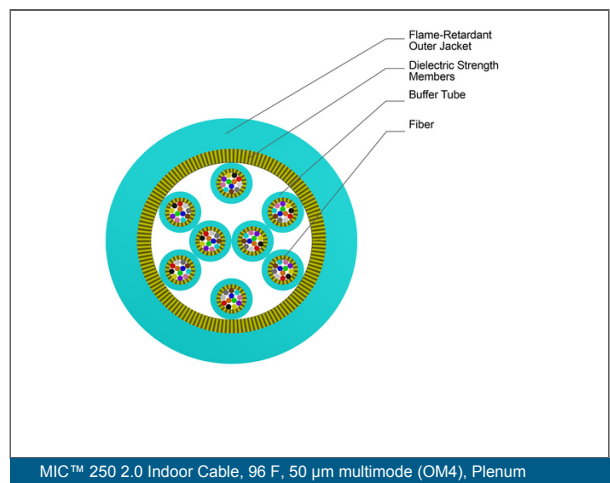
Easily ribbonized for mass fusion splicing

No preferential bend

Easily routable in space constrained environments



MIC™ 250 2.0 Indoor Cable, 96 F, 50 µm multimode (OM4), Plenum



MIC™ 250 2.0 Indoor Cable, 96 F, 50 µm multimode (OM4), Plenum

MIC™ 250 2.0 Indoor Cable 96 F, 50 µm multimode (OM4), Plenum

CORNING

Specifications

General Specifications

Installation Methods	Horizontal, Plenum, Riser
Cable Type	Loose Tube
Environment	Indoor
Product Type	Non-Armored
Fiber Category	50 µm MM (OM4)
Cable geometry	Round

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design and Test Criteria	ANSI/ICEA S-83-596

Environmental Conditions

Temperature Range, Installation	0 °C to 60 °C (32 °F to 140 °F)
Temperature Range, Operation	0 °C to 70 °C (32 °F to 158 °F)
Temperature Range, Storage	-40 °C to 70 °C (-40 °F to 158 °F)

Cable Design

Central Element	Dielectric
Fiber Count	96
Outer Jacket Color	Aqua
Outer Jacket Material	Flame-retardant
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Buffer Tube Diameter	2 mm (0.08 in)
Number of Active Tubes	8
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua

MIC™ 250 2.0 Indoor Cable 96 F, 50 µm multimode (OM4), Plenum

CORNING

Cable Design

Fibers per Tube	12
Color Code Standards	Telcordia

Mechanical Specifications

Max. Tensile Strength, Short-Term	660 N (148.37 lbf)
Min. Bend Radius Installation	153 mm (6.02 in)
Min. Bend Radius Operation	102 mm (4.02 in)
Nominal Outer Diameter	10.2 mm (0.4 in)

Optical Characteristics

Fiber Code	T
Performance Option Code	90
Fiber Category	OM4
Fiber Type	Multimode
Fiber Name	50 µm MM (OM4)
Maximum Attenuation	3.0 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km

Dimensions

Cable Weight	87.5 kg/km (58.8 lb/1000 ft)
--------------	------------------------------

MIC™ 250 2.0 Indoor Cable 96 F, 50 µm multimode (OM4), Plenum

The Corning logo is a dark blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

CORNING



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2026 Corning Optical Communications. All rights reserved.