



**Product:** [GIMS204](#) 

Indoor Distribution 04 Fibers OM2

## Product Description

Indoor Mini Breakout SemiTight Optical Cable 04 x 50/125-OM2-BI I-K(ZN)H

## Technical Specifications

Construction Type:	Distribution
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## Product Overview

Environmental Space:	Indoor - Euroclass Dca
Suitable Applications:	For indoor use in structured (premises) wiring systems: building backbone (riser) and/or horizontal cabling (Fibre To The Desk). Support all computer network applications such as FDDI, Gigabit Ethernet and ATM. Easy to install in ducts and tunnels. Not suitable for blown installation.

## Construction

### Fiber Cable Construction

Fiber Type	Fiber Count
OM2	4

Fiber Color Coding:	TIA coding (Gxxxxx.T): Blue, Orange, Green, Brown
Fiber Color Coding 2:	Europe coding (Gxxxxxx.0): Red, Natural, Yellow, Blue

### Buffer Specification

Fiber Type	Buffer Construction	Buffer Material	Buffer Diameter
OM2	Semi-Tight	LSZH - Low Smoke Zero Halogen	0.9 mm

Cable Core Water Tight:	Yes
Cable Core Water Blocking:	Waterblocking Aramid Yarns
Bulk Cable Weight:	19 kg/km

## Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Non-Armored

## Outer Jacket

### Outer Jacket Material

Material	Nominal Diameter	Ripcord
LSZH - Low Smoke Zero Halogen (Flame Retardant)	4.8 mm	0

## Optical Characteristics

Fiber Core Diameter:	50 µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	2.9 dB/km

## Mechanical Characteristics

### Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
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Cable Min. Bend Radius Installation (Short Term)	IEC 60794-1-21-E6	96 mm	IEC 60794-2-20
Cable Min. Bend Radius Operation (Long Term)	IEC 60794-1-21-E11	48 mm	IEC 60794-2-20
Cable Max. Tensile Strength Operation (Long Term)	IEC 60794-1-21-E1	400 N (90 lbf)	IEC 60794-2-20
Cable Max. Crush Resistance Installation (Short Term)	IEC 60794-1-21-E3	5 kN/m	IEC 60794-2-20
Cable Max. Crush Resistance Operation (Long Term)	IEC 60794-1-21-E3	3 kN/m	IEC 60794-2-20

## Temperature Range

Operating Temp Range:	-5 °C to +55 °C
Installation Temp Range:	-30 °C to +70 °C
Storage Temp Range:	-30 °C to +70 °C

## Standards

UL Rating/Flame Test:	Non-UL Rated
IEC Flammability:	IEC 60332-1-2
Reaction to Fire - Bundle Flame Test:	IEC 60332-3-24
CPR Euroclass:	Dca-s1,d1,a1
REACH:	Compliant
IEC Compliance:	IEC 60794
EU Directive 2011/65/EU (ROHS II):	Compliant
UV/ Sunlight Protection:	yes

## History

Update and Revision:	Revision Number: 0.76 Revision Date: 07-03-2020
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