

# Zipcord Tight Buffer Indoor Cable 2F G62.5 MMF InfiniCor® OM1 1.8mm TB3

CORNING

**Part Number:**  
**002K5Z-32208E2G**

Corning indoor cables can be employed indoor for jumper cabling and for the cabling between floor distributors and terminal equipments/workstations (fiber to the desk), as well as for manufacturing of connector cables (patch cords):

The tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN) and eliminates need for fan-out kits.

## Features and Benefits

### All-dielectric construction

Requires no grounding or bonding

### Small diameter and bend radius

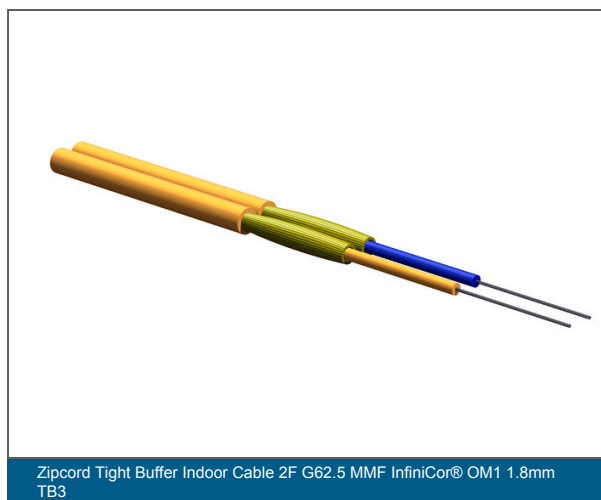
Easy installation in space-constrained areas

### TB3 tight buffered construction

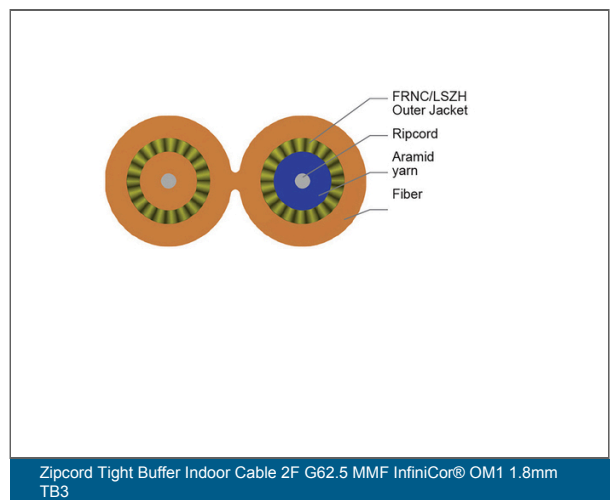
Easy and consistent stripping over 10 cm

### Flame retardant

LSZH™/FRNC



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## Specifications

### General Specifications

Environment	Indoor
Cable Type	MiniZip Tight-Buffered
Product Type	Dielectric
Fiber Category	62.5 µm MM (OM1)
Flame Rating	LSZH™/FRNC
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
Application	Indoor Horizontal

### Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	National Electrical Code® (NEC®) OFNR, FT-4
Flame Test Method	Flame retardant according to IEC 60332-1-2 (single cable), IEC 60332-3-24 (bunch of cables), Reaction to fire according to EN 50575 and EN 13501-6, Low smoke according to IEC 61034 and zero halogen to IEC 60754-1, Non-corrosive according to IEC 60754-2
Flame propagation test	Flame retardant according to IEC 60332-1-2 (single cable) and IEC 60332-3-24 (bunch of cables)
Reaction to fire requirements	Reaction to fire according to EN 50575 and EN 13501-6
Smoke density	Low Smoke to IEC 61034
Halogen content test	Zero Halogen to IEC 60754-1

### Environmental Conditions

Temperature Range, Installation	-5 °C to 50 °C
Temperature Range, Storage	-25 °C to 70 °C
Temperature Range, Operation	-20 °C to 60 °C

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Cable Design	
Cable Marking	Meter - Handset - CE 17 EN 50575 Dca,s1a,d0,a2 - Sine - CORNING - Fiber Optic Cable - Year - J-V(ZN)H 2 OM1 TB3 1.8 LSZH(TM)/FRNC
Fiber Count	2
Outer Jacket Color	Orange
Buffering Diameter	900 µm
Outer Jacket Material	Flame-retardant, non-corrosive/low-smoke, silicon-free, zero-halogen (FRNC/LSZH) material
Outer Jacket Nominal Thickness	0.275 mm
Tensile Strength Elements and/or Armoring - Layer 1	Aramid Yarn
Tight Buffer Color	Blue, Orange
Tight Buffer Type	TB3R (reduced size equals 700µm, strippable up to 10cm)
Flame Rating	LSZH™/FRNC

Mechanical Specifications	
Crush Resistance	1000 N/10 cm
Fire Load	0.11 MJ/m
Max. Tensile Strength for Installation	150 N
Min. Bend Radius Installation	30 mm
Min. Bend Radius Operation	10 mm
Nominal Outer Diameter	1.8 mm x 3.7 mm

Optical Characteristics	
Fiber Code	K
Fiber Name	G62.5L/125 InfiniCor® 300
Fiber Type	Multimode
Fiber Core Diameter	62.5 µm
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km

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## Optical Characteristics

Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 600 MHz*km
Serial 1 Gigabit Ethernet	300 MHz*km / 550 MHz*km
Serial 10 Gigabit Ethernet	33 MHz*km / -
Typical Attenuation	2,9 dB/km / 0,7 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Category	OM1

## Ordering Information

Product Number	002K5Z-32208E2G
EAN Code	4056418100654
Maximum Delivery Length	4000 m
Weight	6 kg/km



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