

# Zipcord Tight Buffer Indoor Cable

2 fibres G50 MMF ClearCurve® OM3 2.0mm TB3

CORNING

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

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

The cables can be installed in conduits and shafts inside buildings.

## Features and Benefits

### All-dielectric cable 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 10cm

## Standards

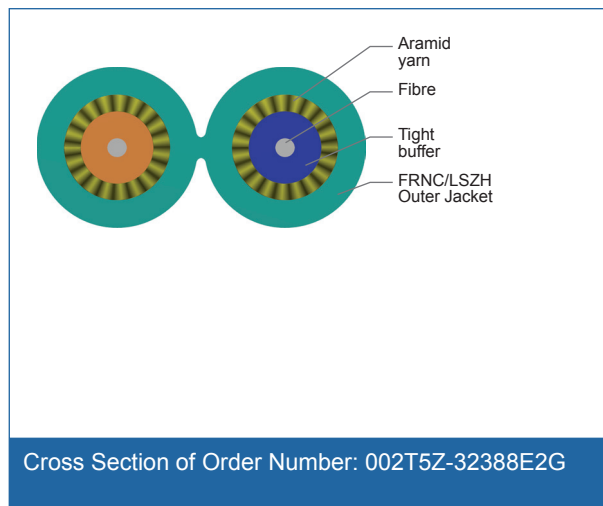
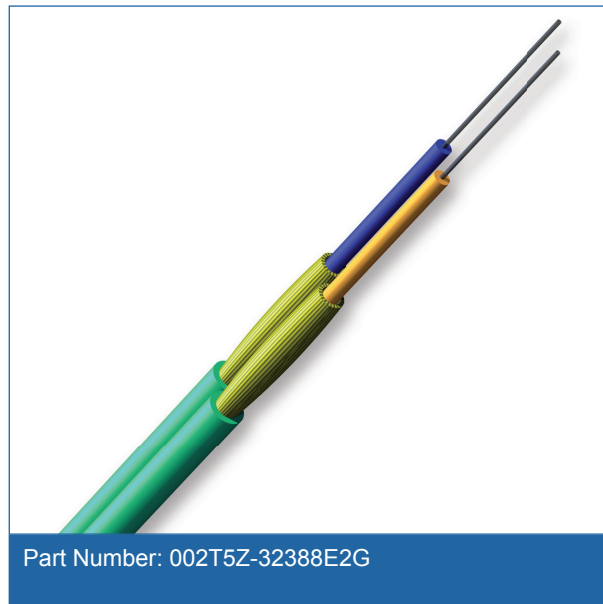
### Flame Test Method

Flame retardant to IEC 60332-1-2 (single cable)

Flame retardant to IEC 60332-3-24 (bunch of cables)

Low Smoke to IEC 61034 and Zero Halogen to IEC 60754-1

Non Corrosive to IEC 60754-2



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## Specifications

| General Specifications                                |                        |
|---|------------------------|
| Environment   | Indoor                 |
| Application   | Indoor horizontal      |
| Cable type  | ZipCord Tight-Buffered |
| Product type  | Dielectric             |
| Flame rating  | LSZH™/FRNC             |
| Fibre category  | 50 µm MM (OM3)         |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | J-V(ZN)H               |
| Previous part number                                  | LCXLI2-L2002-H750      |
| Previous coding following DIN VDE 0888-3              | J-VH2x1                |

| Temperature Range         |                 |
|---------------------------|-----------------|
| Installation and Assembly | -5 °C to 50 °C  |
| Operation                 | -20 °C to 60 °C |
| Storage                   | -25 °C to 70 °C |

| Cable design   |  |
|--|--|
| Fibre count  | 2  |
| Buffering Diameter                                   | 900 µm   |
| Tight Buffer Type                                    | TB3 (strippable up to 10 cm)   |
| Tight Buffer Colour                                  | Blue, orange   |
| Tensile Strength Elements and/or Armouring - Layer 1 | Aramid yarn  |
| Outer jacket material                                | Flame-retardant, non-corrosive / low-smoke, zero-halogen (FRNC / LSZH) material              |
| Outer jacket colour                                  | turquoise  |
| Outer Jacket Nominal Thickness                       | 0.35 mm  |
| Cable Marking  | Meter Handset Sine CORNING Fibre Optic Cable<br>Year J-V(ZN)H 2 OM3CC TB3 2.0 LSZH™/<br>FRNC |

| Mechanical Characteristics Cable |                 |
|----------------------------------|-----------------|
| Nominal Outer Diameter           | 2.0 mm x 4.1 mm |
| Weight                           | 8.5 kg/km       |
| Min. Bend Radius Installation    | 30 mm           |

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## Mechanical Characteristics Cable

|  |              |
|--|--------------|
| Min. Bend Radius Operation             | 10 mm        |
| Max. Tensile Strength for Installation | 300 N        |
| Crush Resistance (reversible)          | 1000 N/10 cm |
| Fire Load                              | 0.16 MJ/m    |

## Chemical characteristics

|      |   |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |
|------|---|

## Fibre Specifications

### Optical Characteristics (cabled)

|   |                          |
|---|--------------------------|
| Fibre Name                              | G50/125 ULTRA-BEND 7.5   |
| Fibre Core Diameter                     | 50 µm                    |
| Fibre category                          | OM3                      |
| Fibre Code                              | T                        |
| Wavelengths                             | 850 nm / 1300 nm         |
| Maximum Attenuation                     | 2.8 dB/km / 1.0 dB/km    |
| Typical Attenuation                     | 2.4 dB/km / 0.8 dB/km    |
| Serial 1 Gigabit Ethernet               | 1000 m / 600 m           |
| Serial 10 Gigabit Ethernet              | 300 m / 333 m            |
| Min. Overfilled Launch (OFL) Bandwidth  | 1500 MHz*km / 500 MHz*km |
| Minimum Effective Modal Bandwidth (EMB) | 2000 MHz*km / -          |
| Induced attenuation @ 7.5 mm radius     | < 0.2 dB / -             |

- Notes:
- 1) 50 µm multimode fibre macrobend loss  $\leq 0.2$  dB at 850 nm for two turns around 7.5 mm radius mandrel
  - 2) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/Pretium EDGE® systems solutions.
  - 3) Improved attenuation and bandwidth options available
  - 4) Bend-insensitive single-mode fibres available on request
  - 5) Contact a Corning Customer Care Representative for additional information

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## Ordering Information

|                     |  |
|---------------------|--|
| Part Number         | 002T5Z-32388E2G  |
| Product Description | Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.0mm TB3 |
| EAN Code            | 4042673319467  |

## Shipping Information

|                         |         |
|-------------------------|---------|
| Maximum delivery length | 2,000 m |
|-------------------------|---------|



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