

# Zipcord Tight Buffer Indoor Cable

2 fibres G50 MMF ClearCurve® OM3 2.9mm TB3

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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

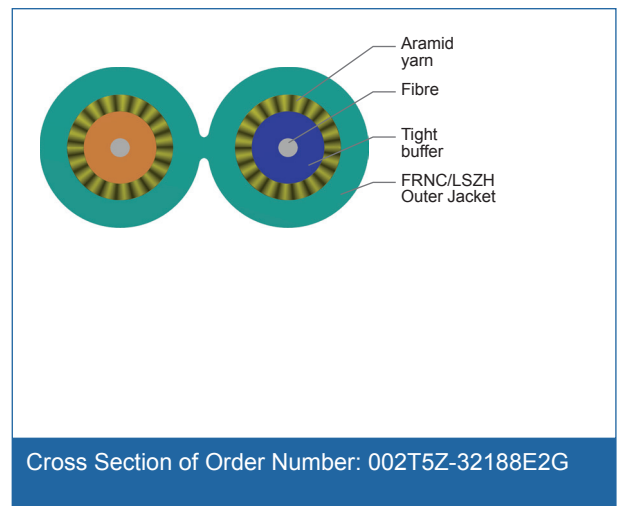
### Flame Test Method

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-H720
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	0.6 mm
Cable Marking	Meter Handset Sine CORNING Fibre Optic Cable Year J-V(ZN)H 2 OM3CC TB3 2.8 LSZH™/ FRNC

Mechanical Characteristics Cable	
Weight	15 kg/km
Nominal Outer Diameter	2.8 mm x 5.7 mm
Min. Bend Radius Installation	45 mm

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## Mechanical Characteristics Cable

Min. Bend Radius Operation	14 mm
Max. Tensile Strength for Installation	400 N
Crush Resistance (reversible)	1000 N/10 cm
Fire Load	0.33 MJ/m

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## 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-32188E2G
Product Description	Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.9mm TB3
EAN Code	4042673319566

## Shipping Information

Maximum delivery length	2,000 m
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