

Zipcord Tight Buffer Indoor Cable

2 fibres G62.5 MMF InfiniCor® OM1 1.8mm 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

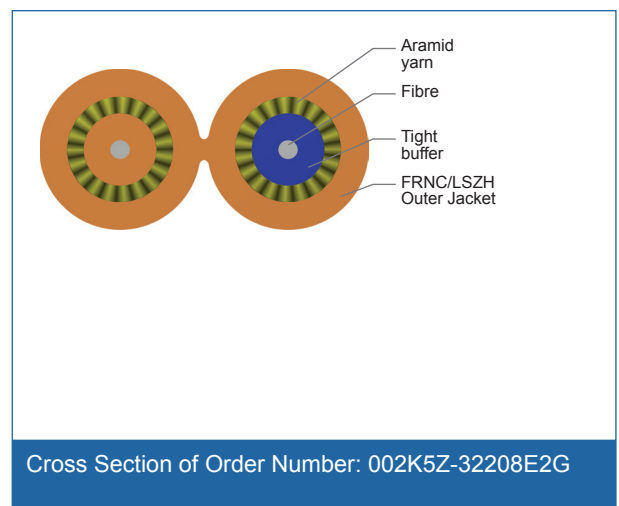
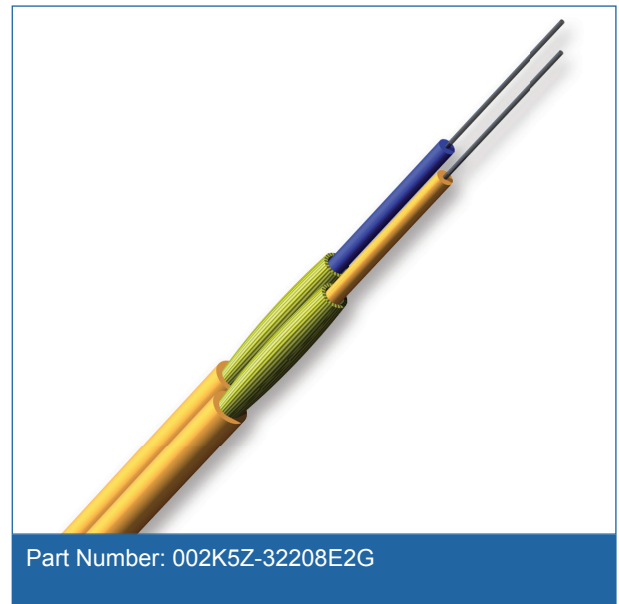
Flame Test Method

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



Zipcord Tight Buffer Indoor Cable

2 fibres G62.5 MMF InfiniCor® OM1 1.8mm TB3

CORNING

Specifications

General Specifications	
Environment	Indoor
Application	Indoor horizontal
Product type	Dielectric
Flame rating	LSZH™/FRNC
Fibre category	62.5 µm MM (OM1)
Cable type	MiniZip Tight-Buffered
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
Previous part number	LCXLI2-M2002-A740
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	TB3R (reduced size equals 700µm, strippable up to 10cm)
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	orange
Outer jacket nominal thickness	0.275 mm
Cable marking	Meter Handset Sine CORNING Fibre Optic Cable Year J-V(ZN)H 2 OM1 TB3 1.8 LSZH™/FRNC

Mechanical Characteristics Cable	
Nominal outer diameter	1.8 mm x 3.7 mm
Weight	6.0 kg/km
Min. bend radius installation	30 mm
Min. bend radius operation	10 mm

Zipcord Tight Buffer Indoor Cable

2 fibres G62.5 MMF InfiniCor® OM1 1.8mm TB3

CORNING

Mechanical Characteristics Cable

Max. tensile strength for installation	150 N
Crush resistance (reversible)	1000 N/10 cm
Fire Load	0.11 MJ/m

Chemical Characteristics

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

Fibre Specifications

Optical Characteristics (cabled)

Fibre name	G62.5L/125 InfiniCor® 300
Fibre core diameter	62.5 µm
Fibre category	OM1
Fibre code	K
Wavelengths	850 nm / 1300 nm
Maximum attenuation	3.1 dB/km / 0.8 dB/km
Typical attenuation	2.9 dB/km / 0.7 dB/km
Serial 1 gigabit ethernet	300 m / 550 m
Serial 10 gigabit ethernet	33 m / -
Min. overfilled launch (OFL) bandwidth	200 MHz*km / 600 MHz*km
Minimum effective modal bandwidth (EMB)	220 MHz*km / -

Notes: 1) Improved attenuation and bandwidth options available
2) Bend-insensitive single-mode fibres available on request.
3) Contact a Corning Customer Care Representative for additional information

Ordering Information

Part Number	002K5Z-32208E2G
Product Description	Zipcord Tight Buffer Indoor Cable 2F G62.5 MMF InfiniCor® OM1 1.8mm TB3
EAN Code	4042673416418

Shipping Information

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

Zipcord Tight Buffer Indoor Cable

2 fibres G62.5 MMF InfiniCor® OM1 1.8mm TB3

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

Notes



**Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea**

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2015 Corning Optical Communications. All rights reserved.