

Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.8mm TB3



Part Number:
002T5Z-32188E2G

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

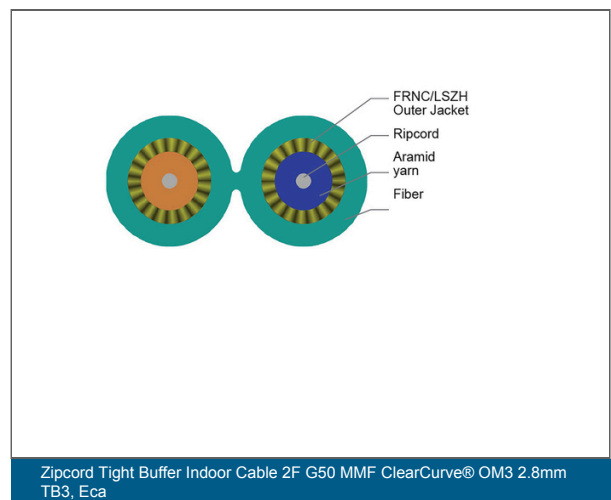
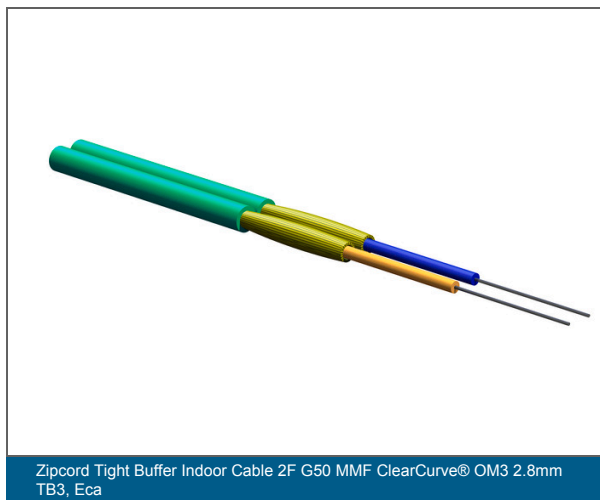
Easy installation in space-constrained areas

TB3 tight buffered construction

Easy and consistent stripping over 10 cm

Flame retardant

LSZH™/FRNC



Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.8mm TB3



Specifications

General Specifications

Environment	Indoor
Cable Type	Zipcord Tight-Buffered
Product Type	Dielectric
Fiber Category	50 µm MM (OM3)
Flame Rating	LSZH™/FRNC
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
Application	Indoor Horizontal

Standards

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
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

Environmental Conditions

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

Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.8mm TB3



Cable Design	
Cable Marking	Meter - Handset - CE 17 EN 50575 Eca - Sine - CORNING - Fiber Optic Cable - Year - J-V(ZN)H 2 OM3CC TB3 2.8 LSZH(TM)/FRNC
Fiber Count	2
Outer Jacket Color	Aqua
Buffering Diameter	900 µm
Outer Jacket Material	Flame-retardant, non-corrosive/low-smoke, silicon-free, zero-halogen (FRNC/LSZH) material
Outer Jacket Nominal Thickness	0.6 mm
Tensile Strength Elements and/or Armoring - Layer 1	Aramid Yarn
Tight Buffer Color	Blue, Orange
Tight Buffer Type	TB3 (easy strip up to 10 cm)
Flame Rating	LSZH™/FRNC

Mechanical Specifications	
Crush Resistance	1000 N/10 cm
Fire Load	0.33 MJ/m
Max. Tensile Strength for Installation	400 N
Min. Bend Radius Installation	45 mm
Min. Bend Radius Operation	14 mm
Nominal Outer Diameter	2.8 mm x 5.7 mm

Optical Characteristics	
Fiber Code	T
Fiber Name	G50/125 ULTRA-BEND 7.5
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km

Zipcord Tight Buffer Indoor Cable 2F G50 MMF ClearCurve® OM3 2.8mm TB3

CORNING

Optical Characteristics

Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1100 MHz*km / 600 MHz*km
Serial 10 Gigabit Ethernet	300 MHz*km/ 333 MHz*km
Typical Attenuation	2,4 dB/km / 0,8 dB/km
Wavelengths	850 nm / 1300 nm
Induced Attenuation	For 7.5 mm radius < 0.2 db / -
Fiber Category	OM3

Ordering Information

Product Number	002T5Z-32188E2G
EAN Code	4042673319566
Maximum Delivery Length	4000 m
Weight	15 kg/km



Corning Optical Communications GmbH & Co. KG • Leipzig Strasse 121 • 10117 Berlin, Germany
+00 800 2675 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. © 2023 Corning Optical Communications. All rights reserved.