

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

CORNING

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

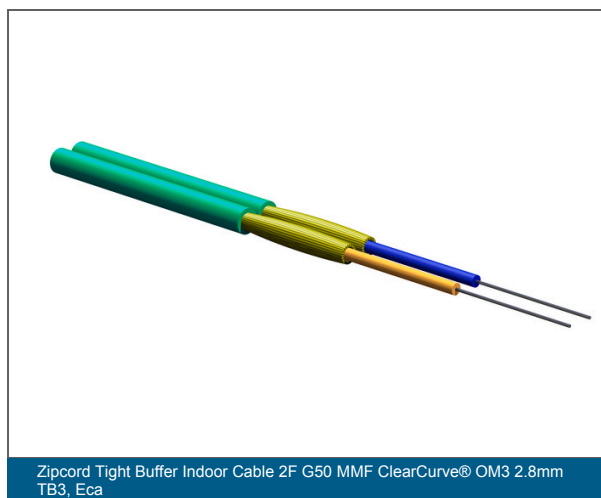
Easy installation in space-constrained areas

TB3 tight buffered construction

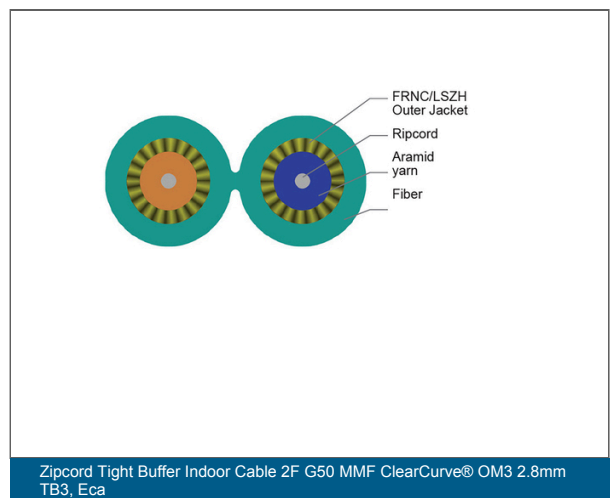
Easy and consistent stripping over 10 cm

Flame retardant

LSZH/FRNC



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



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

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

CORNING

Specifications

General Specifications

Cable Type	Tight-Buffered
Environment	Indoor
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	Horizontal
Cable geometry	Round

Standards

Reaction to Fire	Eca
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	National Electrical Code® (NEC®) OFNR, FT-4
Flame propagation test	Flame retardant according to IEC 60332-1-2 (single cable)
Reaction to Fire Requirements	Reaction to fire according to EN 50575 and EN 13501-6
Smoke density	Low smoke according to IEC 61034
Halogen content test	Zero Halogen according to IEC 60754-1
Level of corrosion	Non-corrosive according to IEC 60754-2

Environmental Conditions

Temperature Range, Installation	-5 °C to 50 °C (23 °F to 122 °F)
Temperature Range, Operation	-20 °C to 60 °C (-4 °F to 140 °F)
Temperature Range, Storage	-25 °C to 70 °C (-13 °F to 158 °F)

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

CORNING

Cable Design	
Cable Marking	Metre - Handset - CE 17 EN 50575 Dca,s1a,d0,a2 - 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, 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 mmx 5.7 mm

Optical Characteristics	
Fiber Code	T
Performance Option Code	88
Fiber Category	OM3
Fiber Type	Multimode
Fiber Name	50 µm MM (OM3)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm

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

CORNING

Optical Characteristics

Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Serial 1 Gigabit Ethernet	750 m / 600 m
Serial 10 Gigabit Ethernet	300 m / -
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km

Dimensions

Outer Diameter	2.8 mm
Cable Weight	15 kg/km
Max. cable length per reel/drum	4000 m



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

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. © 2025 Corning Optical Communications. All rights reserved.