

Zipcord Tight Buffer Indoor Cable

2F E9/125 SMF-28® ULTRA 2.0mm TB3, yellow

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)

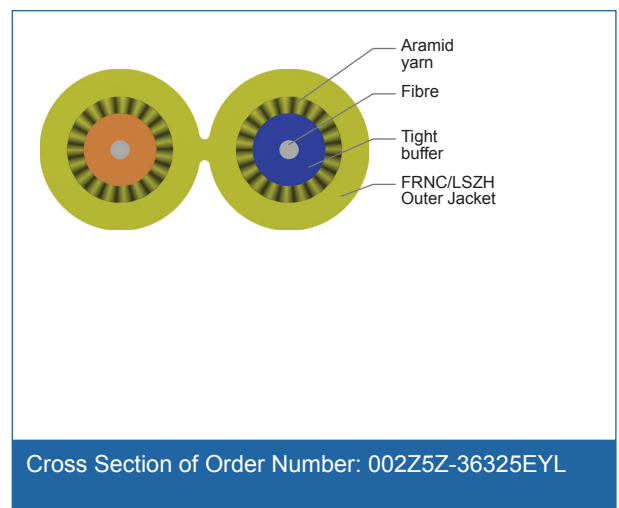
Flame retardant to IEC 60332-3-24 (bunch of cables)

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

Non Corrosive to IEC 60754-2



Part Number: 002Z5Z-36325EYL



Cross Section of Order Number: 002Z5Z-36325EYL

Specifications

General Specifications	
Environment	Indoor
Application	Indoor horizontal
Cable type	ZipCord Tight-Buffered
Product type	Dielectric

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General Specifications

Flame rating	LSZH™/FRNC
Fibre Category	SMF-28® Ultra fibre
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
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
Fibres per tube	1
Buffering Diameter	900 µm
Tight Buffer Type	TB3 (strippable up to 10 cm)
Outer jacket material	LSZH™/FRNC
Outer jacket colour	yellow
Outer jacket nominal thickness	0.35 mm
Cable marking	Metre Handset Sine CORNING Fibre Optic Cable Year J-V(ZN)H 2 E9ULTRA/125 TB3 2.0 LSZH(TM)/FRNC

Mechanical Characteristics Cable

Nominal Outer Diameter	2.0 mm x 4.1 mm
Weight	8.5 kg/km (19 lb/1000 ft)
Min. Bend Radius Installation	30 mm (1.2 in)
Min. Bend Radius Operation	30 mm (1.18 in)
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
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Fibre Specifications

Optical Characteristics (cabled)	
Fibre name	SMF-28® Ultra TB Cable Optical Fibre
Mode-Field Diameter at 1310 nm	9.2 µm
Fibre code	Z
Coating diameter	242 µm
Cladding diameter	125 µm
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum attenuation	0.38 dB/km / 0.38 dB/km / 0.25 dB/km
Serial 1 gigabit ethernet	5000 m / -
Serial 10 gigabit ethernet	10000 m / 40000 m
Cable cutoff wavelength	1260 nm
Dispersion in the range 1285 to 1330 nm	≤ 3.5 ps / (nm * km)
Dispersion @ 1550 nm	≤ 18 ps / (nm * km)
PMD Link Design Value	≤ 0.04 PS / √km
PMD maximum individual fibre	≤ 0.1 PS / √km
Fibre compliance	ITU-T G.652.D and ITU-T G.657.A1

Notes: 1) Contact a Corning Customer Care Representative for additional information

Ordering Information

Part Number	002Z5Z-36325EYL
Product Description	Zipcord Tight Buffer Indoor Cable 2F E9/125 SMF-28® ULTRA 2.0mm TB3, yellow
EAN Code	4042673512844

Shipping Information

Maximum delivery length	2,000 m
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