

Buffered Fiber Telcordia

1F E9 SMF-28e+® 0.9mm TB, yellow

CORNING

These tight buffered fibers are used primarily by assembly manufacturing operations for making pigtails. Tight-buffered pigtails are typically used for connecting adapters and splice trays in patch panels where the incoming and outgoing cables are spliced.

Standards

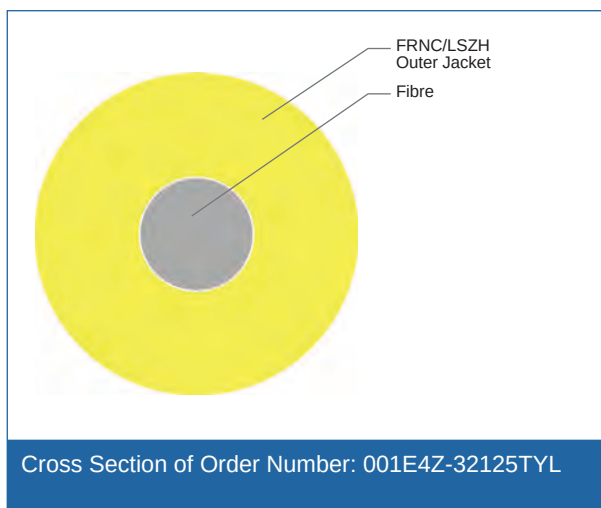
Flame Test Method

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



Specifications

General Specifications

Environment	Indoor
Application	Splicing
Cable type	Tight-Buffered
Product type	Dielectric

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General Specifications

Flame rating	LSZH™/FRNC
Fibre Category	SM (OS2)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	V-
Previous part number	LCXLI2-EX001-U700-YE
Previous coding following DIN VDE 0888-3	V-

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	1
Fibre colouring	Natural
Tight Buffer Type	TB (easy strip up to 1.5 m)
Buffering Diameter	900 µm
Outer jacket colour	yellow
Outer jacket nominal thickness	0.328 mm
Outer jacket material	LSZH™/FRNC
Cable marking	no printing / keine Bedruckung

Mechanical Characteristics Cable

Nominal Outer Diameter	0.9 mm (0.04 in)
Weight	0.95 kg/km (2 lb/1000 ft)
Min. Bend Radius Installation	30 mm (1.18 in)
Min. Bend Radius Operation	30 mm (1.18 in)
Max. tensile strength for installation	10 N
Fire Load	0.15 MJ/m

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Fibre Specifications

Optical Characteristics (cabled)	
Fibre name	E9/125 SMF28e+
Fibre core diameter	9 µm
Fibre Category	OS2
Fibre code	E
Wavelengths	1310 nm / 1383 nm / 1550 nm
Linear 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

Notes: 1) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.
2) Improved attenuation and bandwidth options available
3) Bend-insensitive single-mode fibres available on request.
4) Contact a Corning Customer Care Representative for additional information

Ordering Information

Part Number	001E4Z-32125TYL
Product Description	Buffered Fibre Telcordia 1F E9 SMF-28e+® 0.9mm TB, yellow
EAN Code	4042673555841

Shipping Information

Maximum delivery length	4,000 m
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