MIC® Tight Buffer Indoor Cable 24F G50 MMF ClearCurve® OM4 0.9mm TB3, Cca-s1a,d1,a1

Part Number:
024T8Z-32198E2G

Corning LANscape® indoor cables can be deployed indoor as building backbone (riser) cabling as well as for the cabling between floor distributors.

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

Silicon-free outer jacket
The cable jacket and the outer jacket of subunits (not valid for 900 µm tight buffers) are free of harmful components to paint structures

Flame retardant
LSZHTM/FRNC

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Specifications

Mechanical Specifications	
Crush Resistance	1000 N/10 cm
Min. Bend Radius Installation	120 mm
Min. Bend Radius Operation	80 mm
Nominal Outer Diameter	8 mm

Cable Design	
Cable Marking	Meter - Handset - CE 17 EN 50575 Cca-s1a,d1,a1 - Sine - CORNING - Fibre Optic Cable - Year - MIC(R) J-V(ZN)H 24 OM4CC TB3 0.9 LSZH(TM)/FRNC
Central Element	Yarn
Fiber Count	24
Number of Ripcords	1
Buffer Tube Diameter	900 mm
Outer Jacket Color	Aqua
Outer Jacket Material	Flame-retardant, non-corrosive/low-smoke, silicon-free, zero-halogen (FRNC/LSZH) material
Tensile Strength Elements and/or Armoring - Layer 1	Aramid yarn
Tight Buffer Type	TB3 (easy strip up to 10 cm)
Flame Rating	LSZH™/FRNC

Environmental Conditions	
Temperature Range, Installation	-5 °C - 50 °C (23 °F - 122 °F)
Temperature Range, Storage	-25 °C - 70 °C (-13 °F - 158 °F)

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Environmental Conditions

Temperature Range, Operation	-20 °C - 60 °C (-4 °F - 140 °F)

General Specifications

Environment	Indoor
Cable Type	Tight-Buffered
Product Type	Dielectric
Fiber Category	50 µm MM (OM4)
Flame Rating	LSZH™/FRNC
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
Application	Vertical Riser , General Purpose Horizontal , Indoor Horizontal , General Building Applications

Ordering Information

Weight	59 kg/km

Standards

Reaction to fire	Cca, s1a, d1, a1
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Flame Test Method	Flame retardant according to IEC 60332-1-2 (single cable) and 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
Flame propagation test	Flame retardant according to IEC 60332-1-2 (single cable) and IEC 60332-3-24 (bunch of cables)

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Standards	
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
Level of corrosion	Non-corrosive according to IEC 60754-2

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)	4700 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1100 MHz*km / 600 MHz*km
Serial 10 Gigabit Ethernet	550 MHz*km / -
Typical Attenuation	2.4 / 0.8
Wavelengths	850 nm / 1300 nm
Fiber Category	OM4

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RoHS COMPLIANT

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