MIC® Tight Buffer Indoor Cable 6F G50 MMF ClearCurve® OM4 0.9mm TB3, Cca-s1a,d1,a1

Part Number:
006T8Z-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

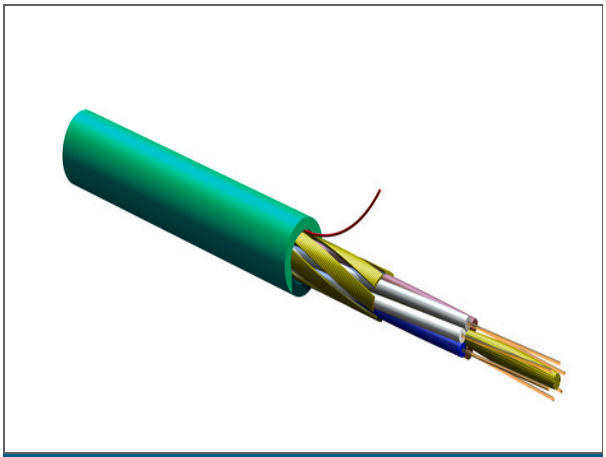
All-dielectric cable construction
Requires no grounding or bonding

Small diameter and bend radius
Easy installation in space-constrained areas

TB3 tight-buffered construction
Easy and consistent stripping over 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
LSZH™/FRNC



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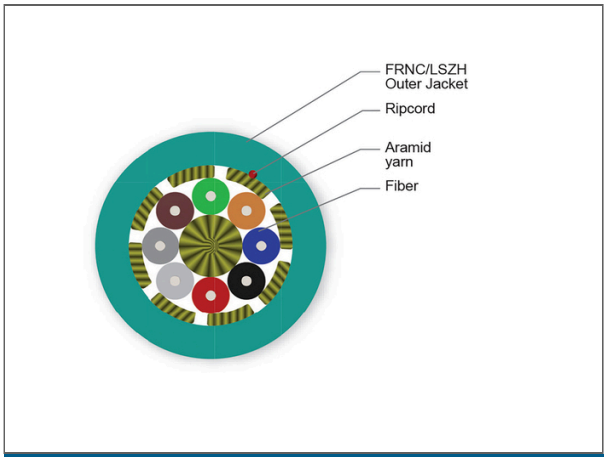

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Specifications

Mechanical Specifications	
Crush resistance	1000 N/10 cm
Fire load	0.48 MJ/m
Max. tensile strength for installation	600 N
Min. bend radius installation	77 mm
Min. bend radius operation	51 mm
Nominal outer diameter	5.1 mm

Cable Design	
Cable marking	Metre - Handset - CE 17 EN 50575 Cca-s1a,d1,a1 - Sine - CORNING - Fiber Optic Cable - Year - MIC(R) J-V(ZN)H 6 OM4CC TB3 0.9 LSZH(TM)/FRNC
Central element	Yarn
Fibre count	6
Number of ripcords	1
Outer jacket colour	Turquoise
Buffering diameter	900 µm
Outer jacket material	Flame-retardant, non-corrosive/low-smoke, silicon-free, zero-halogen (FRNC/LSZH) material
Tensile strength elements and/or armouring - 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 to 50 °C
Temperature range, storage	-25 °C to 70 °C
Temperature range, operation	-20 °C to 60 °C

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CORNING

General Specifications	
Environment	Indoor
Cable type	Tight-buffered
Product type	Dielectric
Fibre 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	
Product Number	006T8Z-32198E2G
EAN Code	4056418099507
Maximum delivery length	4000 m
Weight	25 kg/km

Standards	
Reaction to fire	Cca, s1a, d1, a1
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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
Level of corrosion	Non-corrosive according to IEC 60754-2

Optical Characteristics	
Fibre code	T
Fibre name	G50/125 ULTRA-BEND 7.5

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Optical Characteristics	
Fibre Type	Multimode
Fibre 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 dB/km / 0.8 dB/km
Wavelengths	850 nm / 1300 nm
Induced Attenuation	For 7.5 mm radius < 0.2 db / -
Fibre category	OM4

RoHS COMPLIANT

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