MIC™ Tight Buffer Indoor Cable 6F G50 MMF ClearCurve® OM3 0.9 mm TB3, Dca-s1a, d1, a1

Part Number:
006T8Z-32188E2G

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-fibre-count applications in the local area network (LAN) and eliminates need for fan-out kits.

Features and Benefits

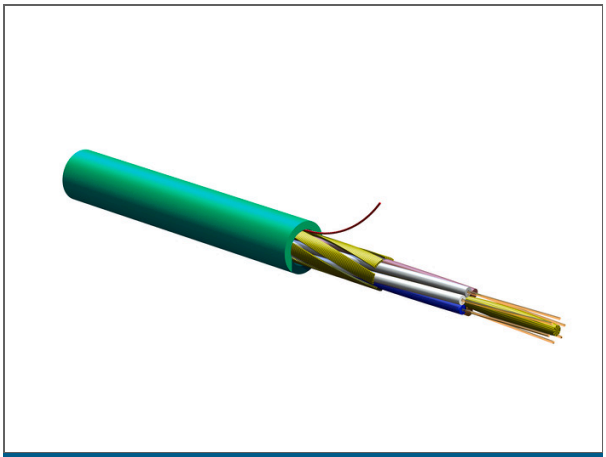
All-dielectric cable construction
Requires no grounding or bonding

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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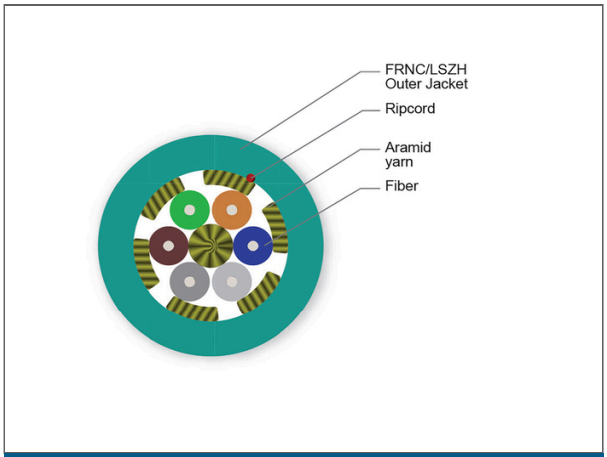

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Specifications

General Specifications	
Installation Methods	Horizontal, Riser
Cable type	Tight-buffered
Environment	Indoor
Product type	Dielectric
Fibre 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
Cable geometry	Round

Standards	
Reaction to Fire	Dca, 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 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
Temperature range, operation	-20 °C to 60 °C
Temperature range, storage	-25 °C to 70 °C

Cable Design	
Cable marking	Metre - Handset - Sine - CORNING - Fiber Optic Cable - Year - MIC(R) J-V(ZN)H 6 OM3CC TB3 0.9 LSZH(TM)/FRNC

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CORNING

Cable Design	
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
Outer jacket nominal thickness	0.8 mm
Tensile strength elements and/or armouring	Aramid yarn
Tight buffer colour	Blue, orange, green, brown, grey, white
Tight buffer type	TB3 (easy strip up to 10 cm)
Cable marking method	Inkjet printing
Flame rating	LSZH/FRNC

Mechanical Specifications	
Crush resistance	750 N/10 cm
Fire load	0.48 MJ/m
Max. tensile strength for installation	600 N
Min. bend radius installation	102 mm
Min. bend radius operation	51 mm
Nominal outer diameter	5.1 mm

Optical Characteristics	
Fibre code	T
Performance option code	88
Fibre category	OM3
Fibre Type	Multimode
Fibre name	50 µm MM (OM3)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km

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Optical Characteristics	
Wavelengths	850 nm / 1300 nm
Fibre compliance	IEC 60793-2-10
Fibre 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	
Cable Weight	25 kg/km
Max. cable length per reel/drum	4000 m

RoHS COMPLIANT

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