

24F G50 MMF ClearCurve® OM4 0.9mm TB3



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.

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

Silicon-free outer jacket

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

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	Vertical Riser, General Purpose Horizontal, Indoor horizontal, General building applications
Cable Type	Tight-Buffered
Product Type	Dielectric
Flame Rating	LSZH™/FRNC
Fibre category	50 µm MM (OM4)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	J-V(ZN)H
Previous Part Number	LCXLI2-L5024-K700
Previous coding following DIN VDE 0888-3	J-VH

Temperature Range	
Installation and Assembly	-5 °C to 50 °C
Operation	-20 °C to 60 °C
Storage	-25 °C to 70 °C

Cable Design	
Central Element	Aramid yarn
Fibre Count	24
Buffering Diameter	900 µm
Tight Buffer Type	TB3 (strippable up to 10 cm)
Tight buffer colour, layer 1	Blue, orange, green, brown, grey, white, red, black, yellow
Tensile Strength Elements and/or Armouring - Layer 1	Aramid yarn
Tight buffer colour, layer 2	Violet, pink, turquoise, blue*, orange*, green*, brown*, grey*, white*, red*, black*, yellow*, violet*, pink*, turquoise*
Tensile strength elements and/or armouring - Layer 2	Aramid yarn
Number of Ripcords	1
Outer Jacket Material	Flame-retardant, non-corrosive / low-smoke, zero-halogen (FRNC / LSZH) material
Outer Jacket Colour	turquoise
Outer Jacket Nominal Thickness	0.8 mm
Cable Marking	Meter Handset Sine CORNING Fibre Optic Cable Year MIC® J-V(ZN)H 24 OM4CC TB3 0.9 LSZH™/FRNC

Notes: Fibres indicated by * have black rings (white with double ring replaces black with single ring)

Mechanical Characteristics Cable

Nominal Outer Diameter	8 mm
Weight	59 kg/km
Min. Bend Radius Installation	120 mm
Min. Bend Radius Operation	80 mm
Max. Tensile Strength for Installation	1000 N
Crush Resistance (reversible)	1000 N/10 cm
Fire Load	1.13 MJ/m

Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Ordering Information

Part Number	024T8Z-32198E2G
Product Description	MIC® Tight Buffer Indoor Cable 24F G50 MMF ClearCurve® OM4 0.9mm TB3
EAN Code	4042673340164

Shipping Information

Maximum Delivery Length	2,000 m
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