

PRODUCTPROFILE

Catalogue number: 032B01100M3BI

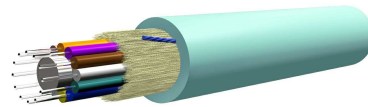
Partnumber: 776301

Brandklasse: Cca

Kabelfarbe: aqua

Zugkraft:

Cable I-V(ZN)H12G50/125µm,OM3



Related documents:

DS_012T8Z-32188E2G_EMEA_EN

Kabeldatenblatt

MIC® Tight Buffer Indoor Cable 12F G50 MMF ClearCurve® OM3 0.9mm TB3, Cca-s1a,d1,a1

CORNING

Part Number:
012T8Z-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-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

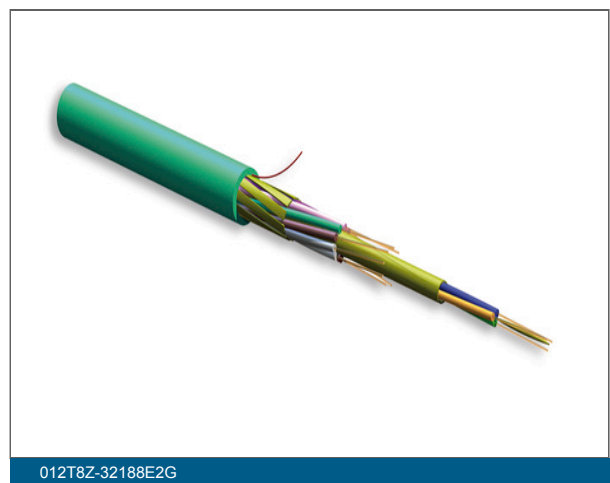
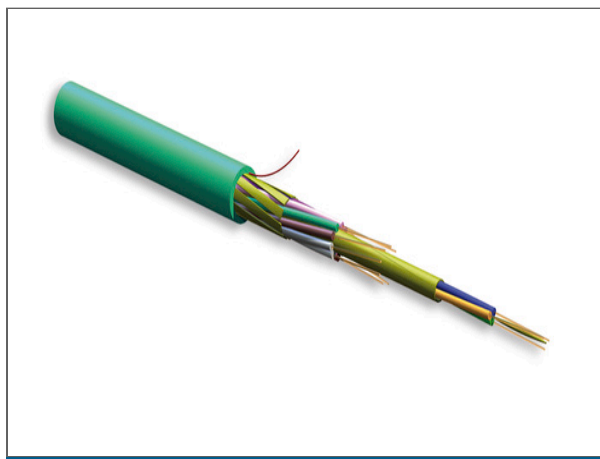
Easy and consistent stripping over 10 cm

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



MIC® Tight Buffer Indoor Cable 12F G50 MMF ClearCurve® OM3 0.9mm TB3, Cca-s1a,d1,a1

CORNING

Specifications

Mechanical Specifications

Crush resistance	1000 N/10 cm
Min. bend radius installation	93 mm
Min. bend radius operation	62 mm
Nominal outer diameter	6.2 mm

Cable Design

Central element	Yarn
Fibre count	12
Number of ripcords	1
Buffer tube diameter	900 mm
Outer jacket colour	Turquoise
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

General Specifications

Environment	Indoor
Cable type	Tight-buffered

MIC® Tight Buffer Indoor Cable 12F G50 MMF ClearCurve® OM3 0.9mm TB3, Cca-s1a,d1,a1



General Specifications

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
Application	Vertical Riser , General Purpose Horizontal , Indoor horizontal , General building applications

Ordering Information

Weight	36 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
Fibre Type	Multimode
Fibre core diameter	50 µm
Minimum effective modal bandwidth (EMB)	2000 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km

MIC® Tight Buffer Indoor Cable 12F G50 MMF ClearCurve® OM3 0.9mm TB3, Cca-s1a,d1,a1

CORNING

Optical Characteristics

Min. overfilled launch (OFL) bandwidth	1500 MHz*km / 500 MHz*km
Serial 1 gigabit ethernet	1100 MHz*km / 600 MHz*km
Serial 10 gigabit ethernet	300 MHz*km/ 333 MHz*km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Wavelengths	850 nm / 1300 nm
Fibre category	OM3



Corning Optical Communications GmbH & Co. KG • Lelpziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: +49 30 5303 2335 • www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2020 Corning Optical Communications. All rights reserved.