

2x12 G50 MMF ClearCurve® OM3 LT 2.3

CORNING

Corning MPC (multi-purpose cable) stranded loose tube cables are flame-retardant, indoor/outdoor cables designed for interbuilding and intrabuilding backbones in duct and riser applications.

The loose tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly reliable transmission parameters. The buffer tubes and fibers in each tube are colour coded for quick, easy identification.

The SZ-stranded construction further reduces installation and environmental influences on the transmission parameters and allows mid-span access.

These cables are designed for installation in conduits, ducts and in-house.

Features and Benefits

All-dielectric cable construction

Requires no grounding or bonding

UV and microbe resistant

Can be installed in ducts or conduits

Waterblocking technology

OSP (outdoor) applications

Dry cable core by means of water-swellaable tape and elements

Allows efficient and craft-friendly cable preparation in outdoor or indoor/outdoor applications

Laminated glass yarns

For improved rodent resistance

Fibres/buffer tubes colour coding to Telcordia-Bellcore

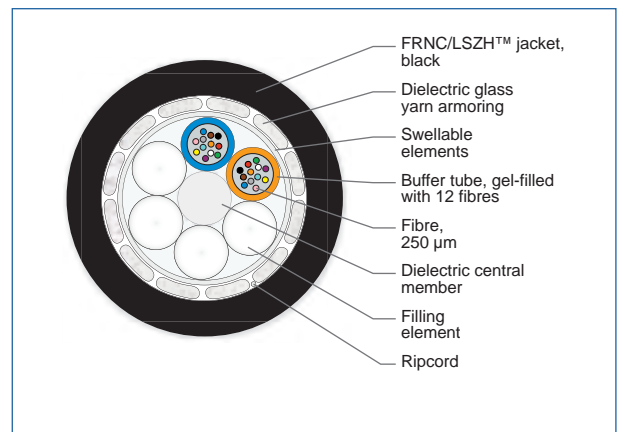
Easy identification of the individual tubes and fibres

Silicon-free outer jacket

The cable jacket is free of harmful to paint structures



Part Number: 024TRU-T3188A2G



Cross Section of Order Number: 024TRU-T3188A2G

CORNING

Standards

Flame Test Method	Zero Halogen to IEC 60754-1
	Non Corrosive to IEC 60754-2
	Low Smoke to IEC 61034
	Flame retardant to IEC 60332-2-4 (bunch cable test)
Waterblocking	IEC 60794-1-2 F5

Specifications

General Specifications	
Environment	Indoor / Outdoor
Application	Duct, Vertical Riser, General Purpose Horizontal
Cable Type	Loose Tube
Product Type	Dielectric armour
Flame Rating	LSZH™/FRNC
Fibre category	50 µm MM (OM3)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	U-DQ(ZN)BH
Previous Part Number	LCXLM1-K4024-H700
Previous coding following DIN VDE 0888-3	A-DQ(BN)H

Temperature Range	
Installation and Assembly	-5 °C to 50 °C
Operation	-30 °C to 70 °C
Storage	-40 °C to 70 °C

Cable Design	
Central Element	Dielectric
Central Element Diameter	2.5 mm
Fibre Count	24
Fibres per Tube	12
Fibre colouring	Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise

Cable Design	
Buffer tube diameter	2.25 mm
Number of Tube Positions	6
Number of filling elements	4
Filling element colour	Natural
Number of Active Tubes	2
Buffer tube colour coding	Blue, orange
Tape	Water-swellaable
Tensile Strength Elements and/or Armouring - Layer 1	Laminated glass yarn armour
Number of Ripcords	1
Outer Jacket Material	Flame-retardant, non-corrosive / low-smoke, zero-halogen (FRNC / LSZH) material
Outer Jacket Colour	black
Outer Jacket Nominal Thickness	1.5 mm
Cable Marking	Meter Handset Sine CORNING Fibre Optic Cable Year U-DQ(ZN)BH 24 OM3CC LT 2.3 LSZH™/ FRNC

Mechanical Characteristics Cable	
Nominal Outer Diameter	10.9 mm
Weight	117 kg/km
Min. Bend Radius Installation	215 mm
Min. Bend Radius Operation	160 mm
Max. Tensile Strength for Installation	4000 N
Crush Resistance (reversible)	2000 N/10 cm
Fire Load	2.41 MJ/m

Chemical characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

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Ordering Information

Part Number	024TRU-T3188A2G
Product Description	Loose Tube Dielectric Armour Indoor/Outdoor Cable 2x12 G50 MMF ClearCurve® OM3 LT 2.3
EAN Code	4042673343417

Shipping Information

Maximum Delivery Length	4,000 m
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