

Central Tube Steel Armour Indoor/Outdoor Cable

24F G62.5 MMF InfiniCor® OM1 CT 5.0

CORNING

Corning MPC (multi-purpose cable) central tube cables with corrugated steel armoring are flame-retardant, indoor/outdoor cables designed for interbuilding and intrabuilding backbones in duct, direct burial and riser applications.

The central tube cable construction, by isolating the fibres from installations and environmental rigors, provides stable and highly reliable transmission parameters. The fibres are colour coded for quick, easy identification.

The cable construction, based on a central buffer tube, is very compact, light and flexible, and ideal for connections requiring a moderate fiber count.

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

Features and Benefits

Waterblocking technology

OSP (outdoor) applications

UV- and microbe-resistant

Can be installed in ducts or conduits

Corrugated steel armoring

Rodent, mechanical protection and direct buried applications

Small diameter and bend radius

Easy installation in space-constrained areas

Fibres colour coding to Telcordia-Bellcore

Easy identification of the individual fibres

Silicon-free outer jacket

The cable jacket is free of harmful to paint structures

Standards

Flame Test Method

Flame retardant to IEC 60332-1-2 (single cable)

Low Smoke to IEC 61034

Zero Halogen to IEC 60754-1

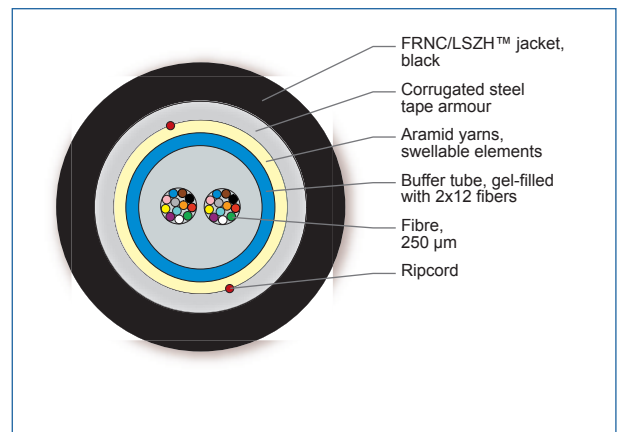
Non Corrosive to IEC 60754-2

Waterblocking

IEC 60794-1-2 F5



Part Number: 024KEY-13108A2G



Cross Section of Order Number: 024KEY-13108A2G

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Mechanical Characteristics Cable

Nominal Outer Diameter	9.7 mm
Weight	114 kg/km
Min. Bend Radius Installation	195 mm
Min. Bend Radius Operation	145 mm
Max. Tensile Strength for Installation	1500 N
Crush Resistance (reversible)	3000 N/10 cm
Fire Load	1.91 MJ/m

Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Fibre Specifications

Optical Characteristics (cabled)

Fibre Name	G62.5L/125 InfiniCor® 300
Fibre Core Diameter	62.5 µm
Fibre category	OM1
Fibre Code	K
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.1 dB/km / 0.8 dB/km
Typical attenuation	2.9 dB/km / 0.7 dB/km
Serial 1 Gigabit Ethernet	300 m / 550 m
Serial 10 Gigabit Ethernet	33 m / -
Min. Overfilled Launch (OFL) Bandwidth	200 MHz*km / 600 MHz*km
Minimum Effective Modal Bandwidth (EMB)	220 MHz*km / -

- Notes:
- 1) Improved attenuation and bandwidth options available
 - 2) Bend-insensitive single-mode fibres available on request
 - 3) Contact a Corning Customer Care Representative for additional information

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Ordering Information

Part Number	024KEY-13108A2G
Product Description	Central Tube Steel Armour Indoor/Outdoor Cable 24F G62.5 MMF InfiniCor® OM1 CT 5.0
EAN Code	4042673211280

Shipping Information

Maximum Delivery Length	4,000 m
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