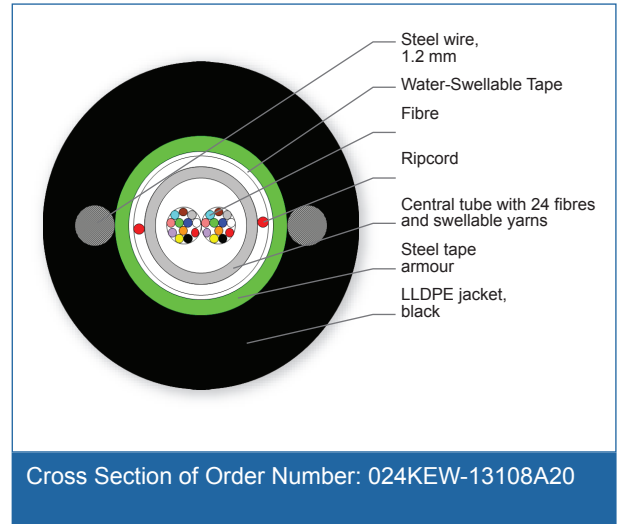


# SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable

24F G62.5 MMF InfiniCor® OM1 CT 3.5 2x1.2mm

CORNING

Corning central tube cables with smooth steel tape arming and two steel wires are designed for outdoor use for campus, city and intercity backbones in duct and direct burial installations. The central tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly reliable transmission parameters. The fibers are colour coded for quick and easy identification. The cable construction, based on a central buffer tube, is very compact, light, flexible and ideal for connections requiring a moderate fibre count. These cables are designed for installation in conduits, ducts and for direct burial.



## Features and Benefits

### Waterblocking technology

Outside Plant (OSP) applications

### UV and microbe resistant

Can be directly buried or installed in ducts

### Corrugated steel armouring

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

## Standards

**Waterblocking** IEC 60794-1-2 F5

## Specifications

| General Specifications                                |                   |
|---|-------------------|
| Environment   | Outdoor           |
| Application   | Direct Buried     |
| Cable Type  | Central Tube      |
| Product Type  | Armoured          |
| Fibre Category  | 62.5 µm MM (OM1)  |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | A-D(ZM)(SG)2Y     |
| Previous Part Number                                  | FWCT01-S0024-A001 |
| Previous coding following DIN VDE 0888-3              | A-D(ZM)(SG)2Y     |

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## Temperature Range

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

## Cable Design

|  |  |
|--|--|
| Fibre Count  | 24   |
| Fibres per Tube                                      | 12   |
| Fibre colouring                                      | Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise |
| Buffer tube diameter                                 | 3.5 mm   |
| Buffer tube colour                                   | white  |
| Number of Tube Positions                             | 1  |
| Tape   | Water-swellaible   |
| Tensile Strength Elements and/or Armouring - Layer 1 | Smooth steel tape and 2 steel wires  |
| Number of Ripcords                                   | 2  |
| Outer Jacket Material                                | Linear Low Density Polyethylene (LLDPE)  |
| Outer Jacket Colour                                  | Black  |
| Outer Jacket Nominal Thickness                       | 2.2 mm   |
| Cable Marking  | Meter Handset Sine CORNING Year SST™ A-<br>D(ZM)(SG)2Y 24 OM1 CT 3.5                 |

## Mechanical Characteristics Cable

|  |             |
|--|-------------|
| Nominal Outer Diameter                 | 9.6 mm      |
| Weight                                 | 95 kg/km    |
| Min. Bend Radius Installation          | 200 mm      |
| Min. Bend Radius Operation             | 168 mm      |
| Max. Tensile Strength for Installation | 2700 N      |
| Crush Resistance (reversible)          | 2000 N/10cm |

## Chemical characteristics

|      |   |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |
|------|---|

# SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable

24F G62.5 MMF InfiniCor® OM1 CT 3.5 2x1.2mm



## Fibre Specifications

| Optical Characteristics (cabled)        |                           |
|---|---------------------------|
| Fibre Name                              | G62.5L/125 InfiniCor® 300 |
| Fibre Core Diameter                     | 62.5 µm                   |
| Fibre Category                          | OM1                       |
| Fibre Code                              | A                         |
| 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

## Ordering Information

|                     |   |
|---------------------|---|
| Part Number         | 024KEW-13108A20   |
| Product Description | SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable 24F G62.5 MMF InfiniCor® OM1 CT 3.5 2x1.2mm |

## Shipping Information

|                         |         |
|-------------------------|---------|
| Maximum Delivery Length | 4,000 m |
|-------------------------|---------|



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