

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

36F E9 SMF-28e+® ITU G652.D CT 5.0 2x1.2mm

CORNING

Corning central tube cables with smooth steel tape armouring 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 fibres from installations and environmental rigors, provides stable and highly reliable transmission parameters. The fibres 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

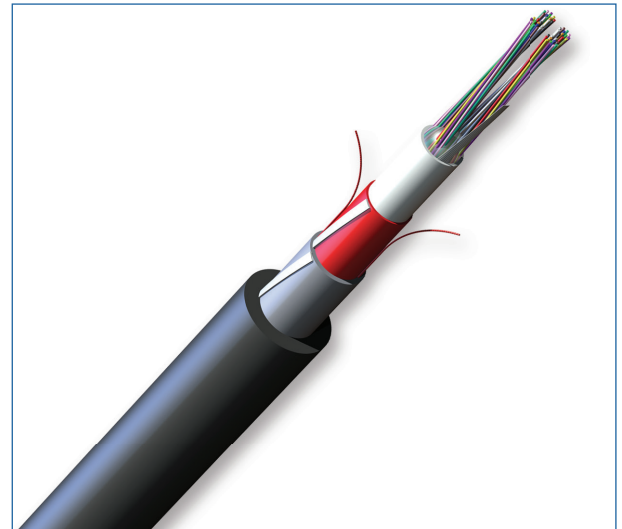
### Fibres colour coding to Telcordia-Bellcore

Easy identification of the individual fibres

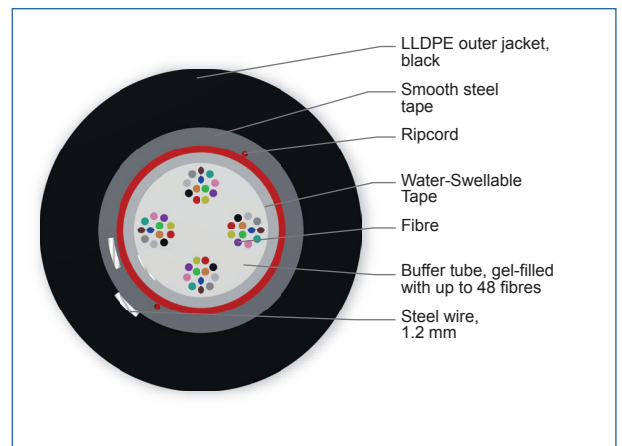
## Standards

Waterblocking

IEC 60794-1-2 F5



Part Number: 036EEW-13122A20



Cross Section of Order Number: 036EEW-13122A20

## Specifications

| General Specifications |               |
|------------------------|---------------|
| Environment            | Outdoor       |
| Application            | Direct Buried |
| Cable type             | Central Tube  |
| Product type           | Armoured      |

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## General Specifications

|                                                       |                   |
|-------------------------------------------------------|-------------------|
| Fibre Category                                        | SM (OS2)          |
| Coding according to EN 60794-1-1 (DIN VDE 0888-100-1) | A-D(ZM)(SG)2Y     |
| Previous part number                                  | FWCT01-S0036-U001 |
| Previous coding following DIN VDE 0888-3              | A-D(ZM)(SG)2Y     |

## 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                                          | 36                                                                                   |
| 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-swellable                                                                      |
| 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                                        | Metre - Handset - Sine - CORNING - Year - SST (TM) A-D(ZM)(SG)2Y 36F E9 CT 5.0       |

## Mechanical Characteristics Cable

|                                        |              |
|----------------------------------------|--------------|
| Nominal Outer Diameter                 | 10.8 mm      |
| Weight                                 | 125 kg/km    |
| Min. Bend Radius Installation          | 220 mm       |
| Min. Bend Radius Operation             | 189 mm       |
| Max. tensile strength for installation | 2700 N       |
| Crush resistance (reversible)          | 2000 N/10 cm |

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## Chemical Characteristics

|      |                                                           |
|------|-----------------------------------------------------------|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|-----------------------------------------------------------|

## Ordering Information

|                     |                                                                                                        |
|---------------------|--------------------------------------------------------------------------------------------------------|
| Part Number         | 036EEW-13122A20                                                                                        |
| Product Description | SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable 36F E9 SMF-28e+® ITU G652.D CT 5.0 2x1.2mm |

## Shipping Information

|                         |         |
|-------------------------|---------|
| Maximum delivery length | 6,000 m |
|-------------------------|---------|



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