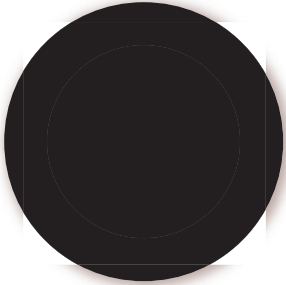




Part Number: 004EEY-13122A2G Cross Section of Order Number: 0



# Central Tube Steel Armour Indoor/Outdoor Cable

4F E9 SMF-28e+® ITU G652.D CT 3.0

CORNING

## Specifications

General Specifications	
Environment	Indoor / Outdoor
Application	Direct Buried, Duct, Vertical Riser, General Purpose Horizontal
Cable Type	Loose Tube
Product Type	Corrugated steel armour
Flame Rating	LSZH™/FRNC
Fibre category	SM (OS2)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	U-DQ(ZN)(SR)H
Previous Part Number	FWCT01-S0004-U004
Previous coding following DIN VDE 0888-3	A-DQ(ZN)(SR)H

Temperature Range	
Installation and Assembly	-5 °C to 50 °C
Operation	-20 °C to 60 °C
Storage	-25 °C to 70 °C

Cable Design	
Fibre Count	4
Fibre colouring	Blue, orange, green, brown
Buffer tube colour	yellow
Buffer tube diameter	3 mm
Number of Ripcords	2
Tensile Strength Elements and/or Armouring - Layer 1	Corrugated steel tape armour with dielectric strength elements (aramid yarns) and swellable elements
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)(SR)H 4 E9 CT 3.0 LSZH™/ FRNC

# Central Tube Steel Armour Indoor/Outdoor Cable

4F E9 SMF-28e+® ITU G652.D CT 3.0

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## Mechanical Characteristics Cable

Nominal Outer Diameter	7.5 mm
Weight	76 kg/km
Min. Bend Radius Installation	150 mm
Min. Bend Radius Operation	110 mm
Max. Tensile Strength for Installation	1000 N
Crush Resistance (reversible)	2000 N/10 cm
Fire Load	1.16 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	E9/125 SMF28e+
Fibre Core Diameter	8.2 µm
Fibre category	OS2
Fibre Code	E
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m
Cable cutoff wavelength	1260 nm

- Notes:
- 1) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/Pretium EDGE® systems solutions.
  - 2) Improved attenuation and bandwidth options available
  - 3) Bend-insensitive single-mode fibres available on request
  - 4) Contact a Corning Customer Care Representative for additional information

## Ordering Information

Part Number	004EEY-13122A2G
Product Description	Central Tube Steel Armour Indoor/Outdoor Cable 4F E9 SMF-28e+® ITU G652.D CT 3.0
EAN Code	4042673580492

# Central Tube Steel Armour Indoor/Outdoor Cable

4F E9 SMF-28e+® ITU G652.D CT 3.0

The CORNING logo is displayed in white, uppercase letters on a solid blue rectangular background.

## Shipping Information

Maximum Delivery Length	6,000 m
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