

SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable

24F E9 SMF-28e+® ITU G652.D CT 3.5 2x1.2mm

CORNING

Corning central tube cables with smooth steel tape armoring 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 armoring

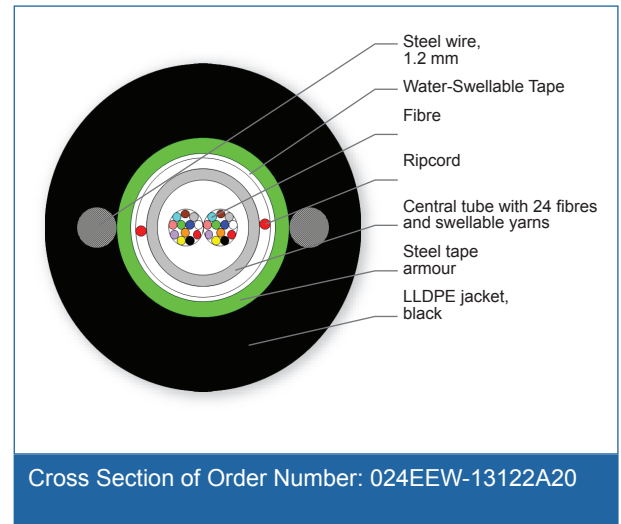
Rodent, mechanical protection and direct buried applications

Small diameter and bend radius

Easy installation in space-constrained areas

Fibres colour coding to Telcordia-Bellcore

Easy identification of the individual fibres



Standards

Waterblocking IEC 60794-1-2 F5

Specifications

General Specifications	
Environment	Outdoor
Application	Direct Buried
Cable Type	Central Tube
Product Type	Armoured
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-S0024-U001
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-swellaable
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- D(ZM)(SG)2Y 24 E9 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
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Fibre Specifications

Optical Characteristics (cabled)	
Fibre Name	E9/125 SMF28e+
Fibre Core Diameter	9 µm
Fibre Category	OS2
Fibre Code	U
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.38 dB/km / 0.38 dB/km / 0.25 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	024EEW-13122A20
Product Description	SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable 24F E9 SMF-28e+® ITU G652.D CT 3.5 2x1.2mm
EAN Code	4042673082064

Shipping Information

Maximum Delivery Length	6,000 m
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Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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