

SST™ Central Tube Dielectric Armor Outdoor Cable

24F E9 SMF-28e+® ITU G652.D CT 5.0

CORNING

Corning cables can be employed outdoors for campus backbone.

The loose tube cable construction, by isolating the fibers from installations and environmental rigors, provides stable and highly reliable transmission parameters.

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

The cables can be installed in conduits, ducts and be buried directly in the ground.

Features and Benefits

Waterblocking technology

Outside Plant (OSP) applications

All-dielectric construction

Requires no grounding or bonding

UV and microbe resistant

Can be directly buried or installed in ducts

Laminated swelling glass yarns

Improved rodent resistance and longitudinal water protection

Small diameter and bend radius

Easy installation in space-constrained areas

Fibers color coding to Telcordia-Belcore

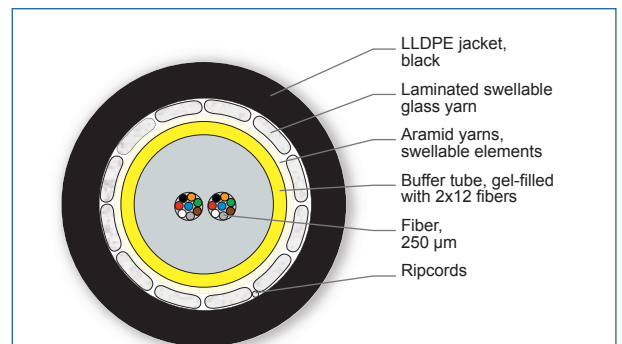
Easy identification of the individual fibers

Standards

Waterblocking IEC 60794-1-2 F5



Part Number: 024EEG-13122A20



Cross Section of Part Number: 024EEG-13122A20

SST™ Central Tube Dielectric Armor Outdoor Cable

24F E9 SMF-28e+® ITU G652.D CT 5.0

CORNING

Specifications

General Specifications	
Environment	Outdoor
Application	Direct Buried, Duct
Cable Type	Single Tube
Product Type	Dielectric armor
Fiber Category	SM (OS2)
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	A-DQ(ZN)B2Y
Previous Part Number	FWCT01-S0024-U002
Previous coding following DIN VDE 0888-3	A-DQ(BN)2Y

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

Cable Design	
Fiber Count	24
Fibers per Tube	12
Fiber bundle coloring	Blue, Orange
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Buffer Tube Color Coding	Yellow
Buffer Tube Diameter	5.0 mm
Number of Fiber Bundles	2
Tape	Water-swellaible
Number of Ripcords	1
Tensile Strength Elements and/or Armoring - Layer 1	Laminated glass yarn armor
Outer Jacket Material	Linear Low Density Polyethylene (LLDPE)
Outer Jacket Color	Black
Outer Jacket Nominal Thickness	1.2 mm
Cable Marking	Meter - Handset - Sine - CORNING - Year - SST (TM) A-DQ(ZN)B2Y 24F E9 CT 5.0

SST™ Central Tube Dielectric Armor Outdoor Cable

24F E9 SMF-28e+® ITU G652.D CT 5.0

CORNING

Mechanical Characteristics Cable

Nominal Outer Diameter	9.0 mm (0.35 in)
Weight	63 kg/km (140 lb/1000 ft)
Min. Bend Radius Installation	180 mm (7.1 in)
Min. Bend Radius Operation	135 mm (5.32 in)
Max. Tensile Strength for Installation	1500 N
Crush Resistance	2500 N/10 cm
Water penetration (0.1bar/24 h)	≤ 1 m

Chemical Characteristics

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

Ordering Information

Part Number	024EEG-13122A20
Product Description	SST™ Central Tube Dielectric Armor Outdoor Cable 24F E9 SMF-28e+® ITU G652.D CT 5.0
EAN Code	4042673191018

Shipping Information

Maximum Delivery Length	6,000 m
-------------------------	---------



Corning Comunicacoes Opticas • Estrada do Camorim 633 • Jacarepagua CEP 22780-070 • Rio De Janeiro, RJ Brazil
+55 21 3416 5150 • FAX: +55 21 2441 2037 • www.corning.com/opcomm/csa

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2016 Corning Optical Communications. All rights reserved.