

SST™ Central Tube Non-Corrugated Steel Armor Outdoor Cable

36F E9 SMF-28e+® ITU G652.D CT 5.0 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 color 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 fiber 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

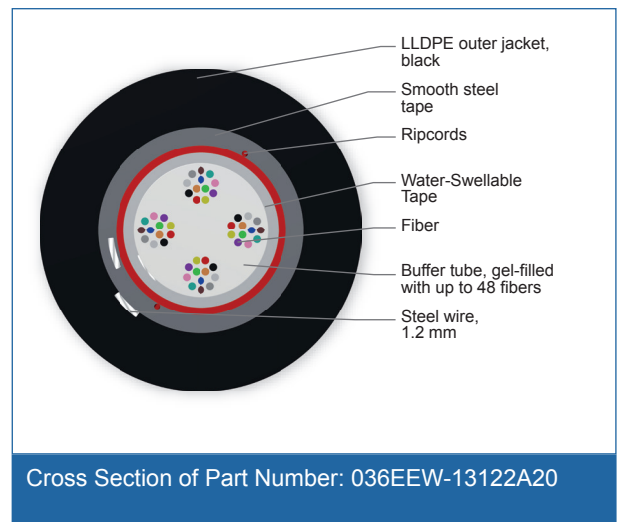
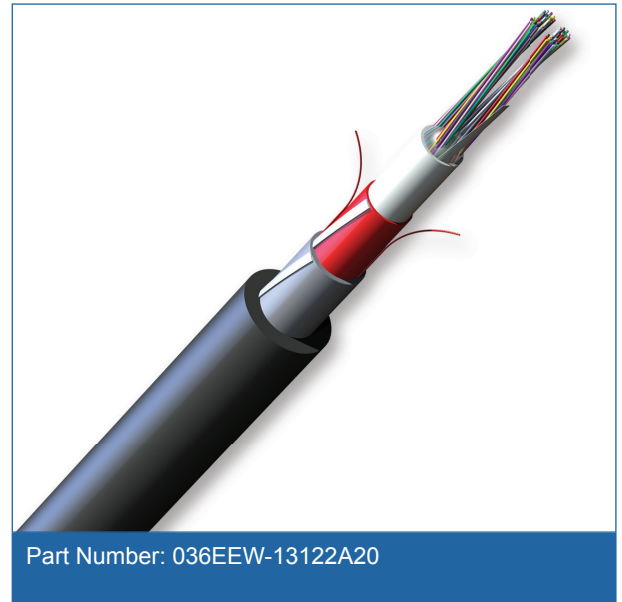
Easy installation in space-constrained areas

Fibers color coding to Telcordia-Bellcore

Easy identification of the individual fibers

Standards

Waterblocking IEC 60794-1-2 F5



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Specifications

General Specifications	
Environment	Outdoor
Application	Direct Buried
Cable Type	Single Tube
Product Type	Armored
Fiber 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	-5 °C to 50 °C
Operation	-30 °C to 70 °C
Storage	-40 °C to 70 °C

Cable Design	
Fiber Count	36
Fibers per Tube	12
Fiber Coloring	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Buffer Tube Diameter	3.5 mm
Buffer Tube Color	White
Number of Tube Positions	1
Tape	Water-swellaible
Tensile Strength Elements and/or Armoring - Layer 1	Smooth steel tape and 2 steel wires
Number of Ripcords	2
Outer Jacket Material	Linear Low Density Polyethylene (LLDPE)
Outer Jacket Color	Black
Outer Jacket Nominal Thickness	2.2 mm
Cable Marking	Meter - Handset - Sine - CORNING - Year - SST (TM) A-D(ZM)(SG)2Y 36F E9 CT 5.0

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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	2000 N/10 cm

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Ordering Information

Part Number	036EEW-13122A20
Product Description	SST™ Central Tube Non-Corrugated Steel Armor 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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