

SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable

48F 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

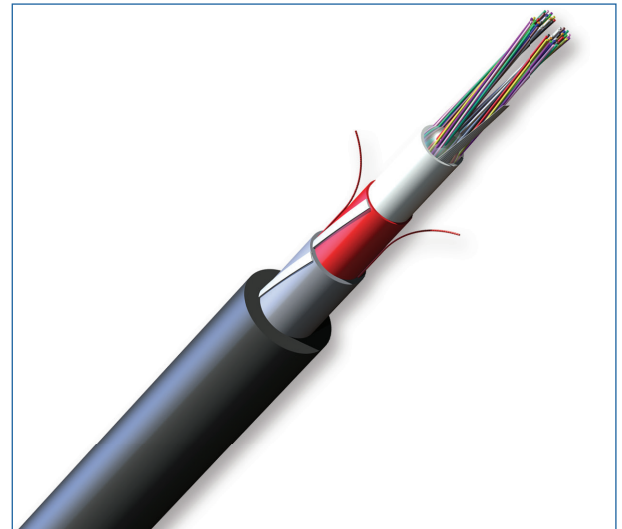
Fibres colour coding to Telcordia-Bellcore

Easy identification of the individual fibres

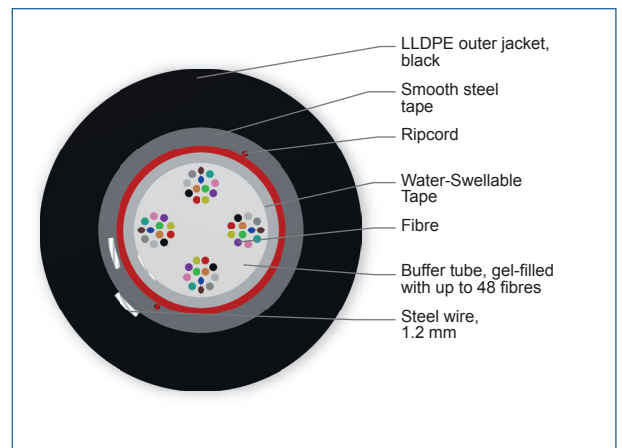
Standards

Waterblocking

IEC 60794-1-2 F5



Part Number: 048EEW-13122A20



Cross Section of Order Number: 048EEW-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-S0048-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	48
Fibres per tube	12
Fibre colouring	Blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise
Buffer tube diameter	5.0 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 48F 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
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Ordering Information

Part Number	048EEW-13122A20
Product Description	SST™ Central Tube Non-Corrugated Steel Armour Outdoor Cable 48F E9 SMF-28e+® ITU G652.D CT 5.0 2x1.2mm
EAN Code	4042673601234

Shipping Information

Maximum delivery length	6,000 m
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