

Central Tube Dielectric Armour Indoor/Outdoor Cable 1x24 E9 SMF-28e+® ITU G652.D CT 5.0



Part Number:
024EEU-13122A2G

The central tube cable construction, by isolating the fibres from installations and environmental rigors, provides stable and highly reliable transmission parameters. The fibres in are color coded for quick, easy identification.

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

These cables are designed for installation in conduits, ducts and in-house.

Features and Benefits

All-dielectric cable construction

Requires no grounding or bonding

Laminated swelling glass yarns

Improved rodent resistance and longitudinal water protection

UV- and microbe-resistant

Can be installed in ducts or conduits

Small diameter and bend radius

Easy installation in space-constrained areas

Fibres colour coding to Telcordia-Bellcore

Easy identification of the individual fibres

Waterblocking technology

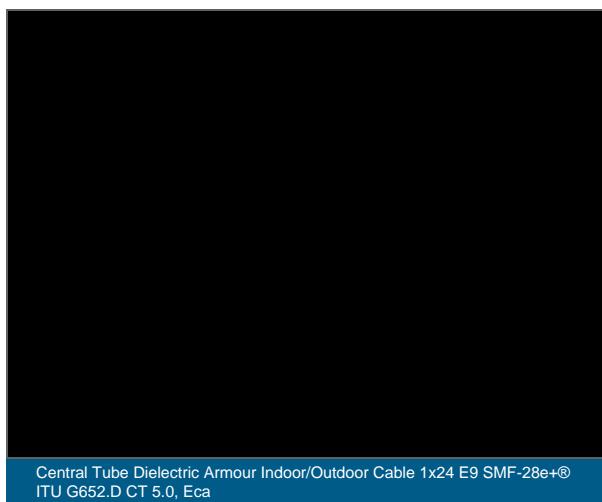
OSP (outdoor) applications

Silicon-free outer jacket

The cable jacket is free of harmful to paint structures

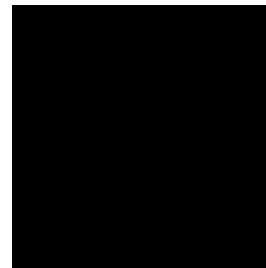
Flame retardant

LSZH™/FRNC



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ITU G652.D CT 5.0, Eca

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Specifications

General Specifications	
Environment	Indoor/Outdoor
Cable type	Single Tube
Product type	Dielectric armour
Fibre category	Single-mode (OS2)
Flame rating	LSZH™/FRNC
Coding according to EN 60794-1-1 (DIN VDE 0888-100-1)	U-DQ(ZN)BH
Application	Duct, Vertical Riser, General Purpose Horizontal

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Flame Test Method	Flame retardant according to IEC 60332-1-2 (single cable), Reaction to fire according to EN 50575 and EN 13501-6, Low smoke according to IEC 61034 and zero halogen to IEC 60754-1, Non-corrosive according to IEC 60754-2
Waterblocking	IEC 60794-1-2 F5
Flame propagation test	Flame retardant according to IEC 60332-1-2 (single cable)
Reaction to fire requirements	Reaction to fire according to EN 50575 and EN 13501-6
Smoke density	Low Smoke to IEC 61034
Halogen content test	Zero Halogen to IEC 60754-1
Level of corrosion	Non-corrosive according to IEC 60754-2

Standards	
Fibre Standards	TIA/EIA-492CAAB, IEC 60793-2-50 Type B1.3, ITU-T G.652.D, ISO/IEC 11801 Ed.2.2

Environmental Conditions	
Temperature range, installation	-5 °C to 50 °C

Environmental Conditions

Temperature range, storage	-25 °C to 70 °C
Temperature range, operation	-20 °C to 60 °C

Cable Design

Cable marking

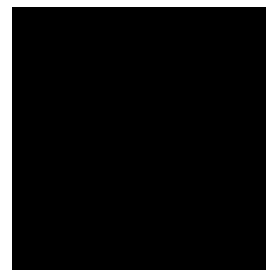
Metre - Handset - CE 17 EN 50575 Eca - Sine - CORNING - Fiber Optic Cable - Year - U-DQ(ZN)BH 24.1 CT 45.-

EN 50575, flame retardant, non-halogen, low smoke, zero-halogen

EN 50575, flame retardant, non-halogen, low smoke, zero-halogen

Cable

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Optical Characteristics	
Cable cutoff wavelength	1260 nm
Fibre code	E
Fibre name	E9/125 SMF28e+®
Fibre Type	Single-mode
Fibre core diameter	8.2 µm
Maximum Attenuation	0.36 dB/km / 0.36 dB/km / 0.22 dB/km
Serial 1 gigabit ethernet	5000 MHz*km / - / -
Serial 10 gigabit ethernet	10000 MHz*km / - / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre category	OS2

Ordering Information	
Product Number	024EEU-13122A2G
EAN Code	4042673579687
Maximum delivery length	6000 m
Weight	73 kg/km



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