

Sensing Lite Loose Tube, Gel-Filled, Single-Jacket, Single-Armored Cable

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Corning Sensing Lite single-jacket, single-armored cables are lightweight, reduced-diameter, armored cables designed for direct-buried, duct and aerial (lashed) installation. The loose tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber.

Features and Benefits

Flexible, craft-friendly buffer tubes

Facilitate easy routing in closures

SZ-stranded, loose tube design

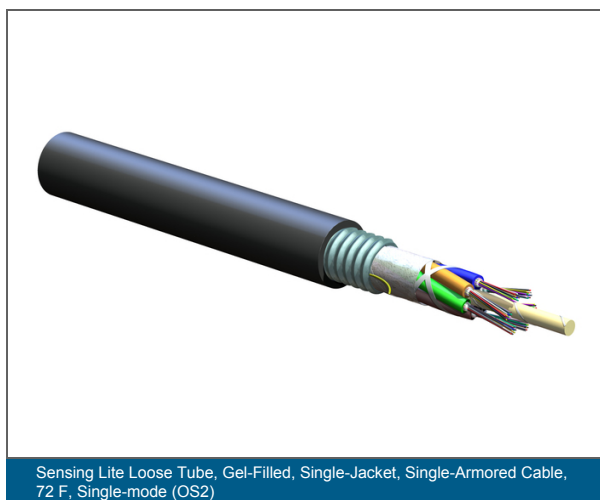
Isolates fibers from installation and environmental rigors and facilitates mid-span access

Dielectric central strength member

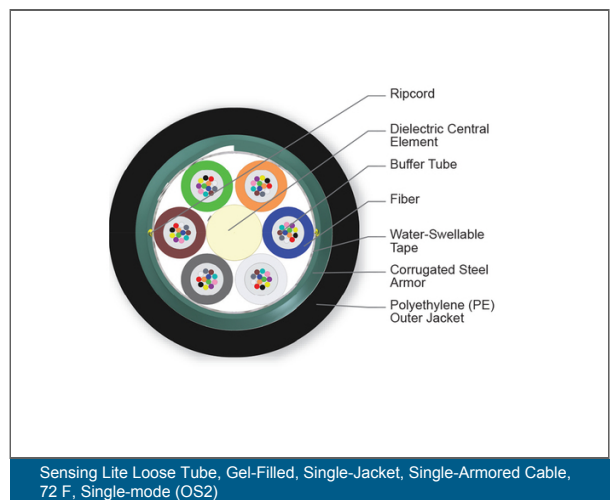
No preferential bend and requires no bonding or grounding

Polyethylene jacket

Rugged, durable and easy to strip (while providing superior protection against UV radiation, fungus, abrasion and other environmental factors)



Sensing Lite Loose Tube, Gel-Filled, Single-Jacket, Single-Armored Cable, 72 F, Single-mode (OS2)



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Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Design and Test Criteria	Telcordia GR-20, ICEA-640

Specifications

General Specifications

Environment	Outdoor
Product Type	Armored
Cable Type	Loose Tube

Temperature Range

Temperature Range, Storage	-40 °C - 70 °C (-40 °F - 158 °F)
Temperature Range, Installation	-30 °C - 70 °C (-22 °F - 158 °F)
Temperature Range, Operation	-40 °C - 70 °C (-40 °F - 158 °F)

Design Characteristics Cable

Fiber Count	Fibers per Tube	Number of Tube Positions	Number of Active Tubes	Buffer Tube Diameter
12 - 72	12	6	1 - 6	2.5 mm (0.1 in)
96	12	8	8	2.5 mm (0.1 in)
144	12	12	12	2.5 mm (0.1 in)

Transmission Performance

Single-mode

Performance Option Code	01
Fiber Category	G.652.D

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Single-mode	
Fiber Name	Single-mode (OS2)
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Code	E
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km



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