

Sensing Loose Tube, Gel-Filled Cables

CORNING

Corning Sensing all-dielectric cables are lightweight cables designed for 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

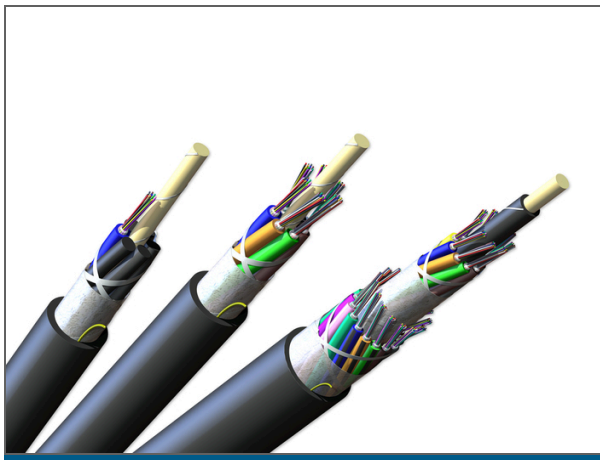
Isolates fibers from installation and environmental rigors and facilitates mid-span access

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)



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Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	USDA Rural Development Programs
Design and Test Criteria	Telcordia GR-20, ICEA-640

Specifications

General Specifications	
Environment	Outdoor
Product Type	Dielectric
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

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Single-mode	
Fiber Category	G.652.D
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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