OptiTap® 1F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly

Single-mode (OS2), 200 ft

CORNING

As an industry leader in optical connectivity products, Corning Cable Systems designs and manufactures the SST-Drop™ Cable Assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and the time of drop cable deployment in optical access networks. The OptiTap® Single-Fiber Drop Cable Assembly is specifically designed to significantly reduce required drop cable installation.

Features and Benefits

Smaller profile and reduced bend-radius
Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures

Robust design keeps connector intact during installation
Integral pulling eye/connector cap designed for 100 lb maximum pulling tension

Part Number: 434301EB1TD200F-P

Standards

Approval and Listings	SST-Drop™ Cable fully compliant with Telcordia GR-20 requirements
Design and Test Criteria	Telcordia GR-3120

Specifications

General Specifications	
Application	Aerial, Direct Buried, Duct
Cable Type	SST-Drop™ toneable
Fiber Category	Single-mode (OS2)
Termination	Both ends
Product Type	Drop Assemblies
Packaging	Individual Packaging

RoHS COMPLIANT

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Temperature Range	
Operation	-40 °C to 70 °C (-40 °F to 158 °F)

Mechanical Characteristics	
Axial pull, plug to cable, through the dust cap	100 lb in axial pull with load applied to the dust cap
Axial pull, plug to adapter coupling strength	50 lb
Cold mate / demate	-40 °C mechanical testing
Weight	2.04 kg (4.5 lb)
Cable Length	61 m (200 ft)

Design - Connector A	
Connector Type	SC APC OptiTap® Connector

Optical Specifications - Connector A	
Insertion Loss, Typical	≤ 0.15 dB
Reflectance, Typical	-65 dB

Design - Connector B	
Connector Type	SC APC OptiTap® Connector

Optical Specifications - Connector B	
Insertion Loss, Typical	≤ 0.15 dB
Reflectance, Typical	-65 dB

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Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Core Diameter	9 µm
Fiber Type	Single-mode
Fiber Category	OS2
Fiber Code	E
Performance Option Code	01
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.65 dB/km / 0.65 dB/km / 0.5 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m

* ITU-T G.652 D compliant
* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions

Notes: 1) Improved attenuation and bandwidth options available
        2) Bend-insensitive single-mode fibers available on request
        3) Contact a Corning Cable Systems Customer Service Representative for additional information

Ordering Information

Order Number	434301EB1TD200F-P
Product Description	OptiTap® Single-Fiber SST-Drop™ Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly, individual packaging, Single-mode (OS2), 200 ft

Shipping Information

Units per Delivery	1/1
Packaging Dimensions (L x H x W)	508 mm x 76 mm x 508 mm (20 in x 3 in x 20 in)
Packaging Method	Box

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