OptiTap® FastAccess® Technology ROC™ Drop Assembly, 1 F, OptiTap to stub end

Dielectric, Single-mode (OS2), 1000 ft

As an industry leader in optical connectivity products, Corning designs and manufactures the ROC™ drop cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and time of drop cable deployment. Corning OptiTap® connector design provides superior durability and reliability in the drop segment of the network. This new assembly also offers significant improvements in cable management.

Part Number: 004301EB4FRA00F

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

Standards

Design and Test Criteria	Telcordia GR-3120
Approvals and Listings	ROC™ drop cable fully compliant with Telcordia GR-20 requirements

Specifications

General Specifications	
Application	Aerial, Direct Buried, Duct
Cable Type	ROC™ dielectric drop, 900 µm
Fiber Category	Single-mode (OS2)
Product Type	Drop Assemblies
Termination	One end
Packaging	Bulk Packaging

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

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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	4.76 kg (10.5 lb)
Cable Length	305 m (1,000 ft)

Design - Connector A	
Connector Type	No connector

Design - Connector B	
Connector Type	SC APC OptiTap® Connector

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

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Single-mode
Fiber Core Diameter	8.2 µm
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 Plug and Play™/EDGE™ systems solutions.*

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

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Ordering Information

Part Number	004301EB4FRA00F
Product Description	OptiTap® FastAccess® Technology ROC™ Drop Assembly, 1 F, OptiTap to stub end, bulk pack, dielectric, Single-mode (OS2), 1000 ft
EAN Code	4056418758565

Shipping Information

Units per Delivery	5/1
Packaging Dimensions (L x H x W)	508 mm x 508 mm x 533 mm (20 in x 20 in x 21 in)
Packaging Method	Reel

RoHS COMPLIANT

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