

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

Dielectric, Single-mode (OS2), 300 ft

CORNING

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.

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)

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

Dielectric, Single-mode (OS2), 300 ft



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	1.59 kg (3.5 lb)
Cable Length	91 m (300 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.

1) Demarcation at the optical interface is not available.

2) Performance for single-mode fibers available on request.

3) Contact a Corning Customer Care Representative for additional information.



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

Dielectric, Single-mode (OS2), 300 ft



Fiber Specifications

Optical Characteristics (cabled)	
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.

Ordering Information

Part Number	004301EB4FR300F
Product Description	OptiTap® FastAccess® Technology ROC™ Drop Assembly, 1 F, OptiTap to stub end, bulk pack, dielectric, Single-mode (OS2), 300 ft
EAN Code	4056418601816

Shipping Information

Units per Delivery	10/1
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	Box



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2017 Corning Optical Communications. All rights reserved.

