

#### **Features and Benefits**

OptiTap® connector technology Industry standard for existing FTTx installations

#### Reduced optimized cable cross section

Smaller profile and bend radius. Flexibility allows for increased slack storage capacity in existing optical network terminals (ONTs), pedestals and handholes

#### Robust design

Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures. Integral pulling eye/connector cap on OptiTap connector designed for 100 lb maximum pulling tension; can be pulled through 1.25-in conduit

#### Flexible connector offerings

OptiTap® Connector SC APC or pigtailed versions to accommodate any ONT interface

### **Standards**

Approvals and Listings ROC™ drop cable fully compliant with Telcordia

GR-20 requirements

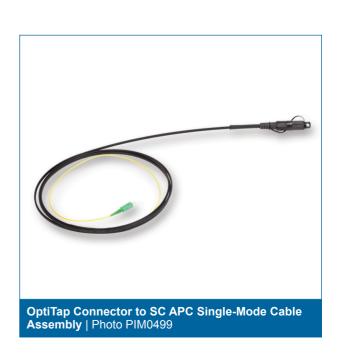
Design and Test Criteria Telcordia GR-3120

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.

By featuring the ROC drop cable design, issues of slack storage capacity are virtually eliminated. The ROC drop cable minimum bend radius is half the size of legacy drop cable. The outer dimensions of the cable have been reduced by more than 50 percent. ROC drop cables are more flexible, allowing for easier routing and mating of OptiTap connectors at the ONT. Installers will see a reduction in truck storage space requirements with this new design.

- · Available with one or both ends connectorized
- Hybrid (one end with an OptiTap® Connector, one end with standard SC connector) available with or without pulling grip
- · Available in dielectric or toneable
- · Designed for aerial, direct-buried or duct installation
- Self-supporting at 40 lbf installation tension, 150 ft







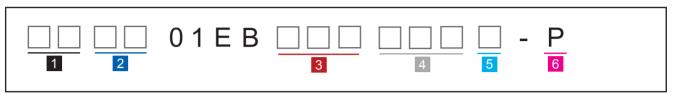
## **Specifications**

Copper Connector		
Insertion Loss, Typical	0.15 dB	
Reflectance, Typical	-65 dB	

Cable Assemblies	
Axial Pull, Plug to Adapter Coupling Strength	50 lb
Axial Pull, Plug to Cable, Through the Dust Cap	100 lb
Cold Mate/Demate	-40 °C mechanical testing



### **Ordering Information**



1 Select end one connector.

00 = No connector

41 = OptiTap® Connector, SC UPC

43 = OptiTap Connector, SC APC

2 Select input.

41 = OptiTap Connector, SC UPC

43 = OptiTap Connector, SC APC

44 = SC APC connector, simplex

58 = SC UPC connector, simplex

3 Select cable type.

4FR = ROC™ Drop Dielectric Cable

4R2 = ROC Dielectric Cable, heat-shrink furcation, 2.0 mm leg on simplex connector end

4R3 = ROC Dielectric Cable, heat-shrink furcation, 2.9 mm leg on simplex connector end

1TR = ROC Drop Toneable Cable

1R2 = ROC Toneable Cable, heat-shrink furcation, 2.0 mm leg on simplex connector end

1R3 = ROC Toneable Cable, heat-shrink furcation, 2.9 mm leg on simplex connector end

PFR = ROC Dielectric Cable, heat-shrink furcation, 2.0 mm leg on simplex connector end with pulling grip

PTR= ROC Toneable Cable, heat-shrink furcation, 2.0 mm leg on simplex connector end with pulling grip 4 Select cable assembly length (three-digit length) for lengths under 999 ft.

Lengths:

Minimum: 2 m/6 ft

Meter lengths:

 $2,\,3,\,5$  then 5 m increments up

to 600 m

Foot lengths:

6,10, then 10 or 25 ft increments up to 2000 ft

Note: Contact Customer Care for extended length offerings.

Select cable assembly unit of length.

F = Feet

M = Meters

6 Defines packaging.

P = Individual packaging for all lengths. Shipping reel supplied with lengths > 350 ft

# Table A: Alpha Codes for lengths ≥ 1000 ft

A00 = 1000

B00 = 1100C00 = 1200

D00 = 1300

E00 = 1400

F00 = 1500 G00 = 1600

H00 = 1700

J00 = 1800

K00 = 1900

L00 = 2000



### Part Number Example

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Part Number	Product Description	Units per Delivery	
434301EB4FR200F-P	OptiTap® FastAccess® Technology ROC™ Drop Assembly, 1 F, OptiTap to OptiTap, individual pack, dielectric, Singlemode (OS2), 200 ft	1/1	
434301EB1TR350F-P	OptiTap® 1 F, OptiTap to OptiTap, Toneable, Gel-Free Cable Assembly, Single-mode (OS2), 350 ft	1/1	

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