

ROC™ OptiTap® Drop Cable Assembly with FastAccess® Technology, 900 μm

CORNING

Features and Benefits

OptiTap® assembly with FastAccess® 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

Tight-buffered 900 μm enables quick OptiSnap installation at ONT

Eliminates the need for ROC 250 μm furcation kits

As an industry leader in optical connectivity products, Corning designs and manufactures the ROC™ 900 μm 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.

The ROC drop cable design is now available with tight-buffered 900 μm fiber, enabling easy field installation of OptiSnap® connectors at the ONT. 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.

- Designed for aerial, direct-buried or duct installation
- Self-supporting at 40 lbf installation tension, 150 ft
- Available with one end connectorized with OptiTap® SC APC or OptiTap SC UPC on gel-free dielectric or toneable cable

Standards

Approvals and Listings RDUP (RUS) Listed

Design and Test Criteria Telcordia GR-3120



ROC OptiTap Drop Cable Assembly with FastAccess Technology, 900 μm | Photo CRR1191



ROC OptiTap Drop Cable Assembly with FastAccess Technology | Photo CRR1190

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Specifications

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

00 43 01EB □□□ □□□ □ - P
1 2 3 4 5

1 Defines input.
43 = OptiTap Connector, SC APC

2 Select cable type.
49R = ROC 900 µm dielectric cable with FastAccess Technology
19R = ROC 900 µm toneable cable with FastAccess Technology

Table A: Alpha Codes for lengths ≥ 1000 ft

A00 = 1000	G00 = 1600
B00 = 1100	H00 = 1700
C00 = 1200	J00 = 1800
D00 = 1300	K00 = 1900
E00 = 1400	L00 = 2000
F00 = 1500	

3 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 1030 m

Foot lengths:
6,10, then 10 or 25 ft increments up to 3390 ft

Note: Contact Customer Care for extended length offerings.

4 Select cable assembly unit of length.

F = Feet
M = Meters

5 Defines packaging.

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







Note: Leave blank for bulk packaging

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Part Number Example

Part Number	Product Description	Units per Delivery	
004301EB49R100F-P	ROC™ Drop Cable Assembly with FastAccess® technology, 900 µm, 1F, dielectric, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 100 ft	1/1	
004301EB49R250F-P	ROC™ Drop Cable Assembly with FastAccess® technology, 900 µm, 1F, dielectric, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 250 ft	1/1	
004301EB49R500F-P	ROC™ Drop Cable Assembly with FastAccess® technology, 900 µm, 1F, dielectric, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 500 ft	1/1	
004301EB49RA00F-P	ROC™ Drop Cable Assembly with FastAccess® technology, 900 µm, 1F, dielectric, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 1000 ft	1/1	
004301EB19R100F-P	ROC™ Drop Cable Assembly with FastAccess® Technology, 900 µm, 1F, toneable, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 100 ft	1/1	
004301EB19R500F-P	ROC™ Drop Cable Assembly with FastAccess® Technology, 900 µm, 1F, toneable, OptiTap® SC APC to stub end, Single-mode (OS2), individual pack, 500 ft	1/1	

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