

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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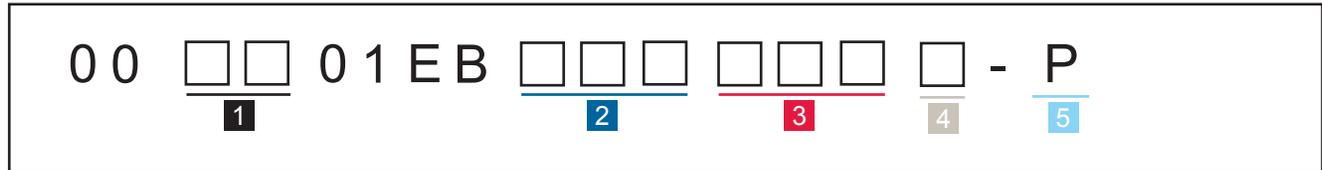


Specifications

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



1 Select input.
 41 = OptiTap Connector, SC UPC
 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

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

Table A: Alpha Codes for lengths ≥ 1000 ft	
A00	= 1000
B00	= 1100
C00	= 1200
D00	= 1300
E00	= 1400
F00	= 1500
G00	= 1600
H00	= 1700
J00	= 1800
K00	= 1900
L00	= 2000

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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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