

SST-Drop™ Cable Assembly

CORNING

Features and Benefits

OptiTap® connector technology

Industry standard for existing FTTx installations

Robust design keeps connector intact during installation

Integral pulling eye/connector cap designed for 100 lb maximum pulling tension

Ease of installation

Designed for rapid connection to external flush-mounted bulkhead adapters on terminals or closures; can be pulled through 1.25-in conduit

Standards

Approvals and Listings	RDUP (RUS) Listed
Design and Test Criteria	Telcordia GR-3120 SST-Drop™ cable fully compliant with Telcordia GR-20 requirements

As an industry leader in optical connectivity products, Corning designs and manufactures the SST-Drop™ cable assembly with factory-terminated, environmentally sealed and hardened connectors to reduce the cost and the time of drop cable deployment in optical access networks. The OptiTap® single-fiber drop cable assembly is specifically designed to significantly reduce required drop cable installation.

- 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



OptiTap SST-Drop Cable Assembly | Photo PIM0501



SST-Drop Cable Assembly, Hybrid | Photo FOJP068

SST-Drop™ Cable Assembly



Specifications

Copper Connector

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

Cable Assemblies

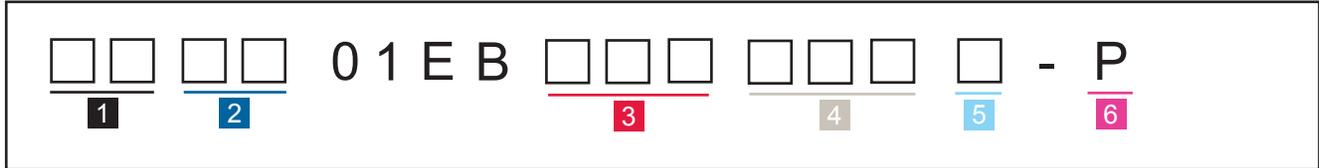
Axial Pull, Plug to Adapter Coupling Strength	50 lb
Axial Pull, Plug to Cable, Through the Dust Cap	100 lb in axial pull with load applied to the dust cap
Cold Mate/Demate	-40 °C mechanical testing

* Cable span distances are subject to customer environmental load and sag specifications.

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Ordering Information



1 Select connector type for end one.
 00 = No connector
 41 = SC UPC OptiTap Connector
 43 = SC APC OptiTap Connector

2 Select connector type for end two.
 41 = SC UPC OptiTap Connector
 43 = SC APC OptiTap Connector
 44 = Simplex SC APC connector
 58 = Simplex SC UPC connector

3 Select cable type.
 4FD = SST-Drop Dielectric
 4H2 = SST-Drop Dielectric, heat-shrink furcation, 2.0 mm leg on simplex connector end
 4H3 = SST-Drop Dielectric, heat-shrink furcation, 2.9 mm leg on simplex connector end
 1TD = SST-Drop Toneable
 1H2 = SST-Drop Toneable, heat-shrink furcation, 2.0 mm leg on simplex connector end
 1H3 = SST-Drop Toneable, heat-shrink furcation, 2.9 mm leg on simplex connector end
 PFS = SST-Drop Dielectric, heat-shrink furcation, 2.0 mm leg on simplex connector end with pulling grip
 PTS = SST-Drop Toneable, heat-shrink furcation, 2.0 mm leg on simplex connector end with pulling grip

4 Select cable assembly length (3-digit length) for lengths under 999 ft.
Lengths:
 Minimum: 2 m/6 ft
Meter lengths:
 2, 3, 5 then 5 m increments to 600 m
Foot lengths:
 6, 10 then 10 or 25 ft increments up to 2000 ft
Note: Contact PLM for extended length offerings.

5 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	=	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	
434301EB4FD200F-P	OptiTap® 1 F Single-Tube, OptiTap to OptiTap, Gel-Filled Cable Assembly, Single-mode (OS2), 200 ft	1/1	
434301EB1TD350F-P	OptiTap® 1 F Single-Tube, OptiTap to OptiTap, Toneable, Gel-Filled Cable Assembly, Single-mode (OS2), 350 ft	1/1	

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