

DualDrop™ Cable, 1 fibre, OptiTap® FTTx Drop Pigtail 5.0 ZBL, 100 m, SM R5 (OS2)



CORNING

Part Number:
004301UFDT3100M

Corning DualDrop™ Dielectric Cables with OptiTap® are two-in-one cables uniquely designed for rugged outdoor and challenging indoor environments. The design features a gel-free, fully waterblocked, UV-resistant, 2.9 mm FRNC/LSZH drop cable centered inside a rugged outside plant drop cable that is pre-connectorized with Corning OptiTap®, a factory-terminated, environmentally sealed and hardened connector.

The cable features Fast Access™ Technology which enables long lengths of the inner subunit to be accessed in seconds simply by peeling away the outer jacket by hand. Designed to meet industry-standard requirements for outdoor and indoor drop cables, the product eliminates the need for termination hardware to transition from the outdoor environment to an indoor terminal. This dielectric cable eliminates any bonding and grounding requirements and is suitable for aerial, facade, direct buried and duct installation.

Corning's ClearCurve® single-mode fiber inside the 2.9 mm subunit enables installers to route the subunit around tight corners down to 7.5 mm (0.3 in) radius inside the home to reduce the cost and the time of drop cable deployment in optical access networks.

The OptiTap drop cable assembly is specifically designed to significantly reduce required drop cable installation time for subscriber connection, therefore reducing the total installed cost of connectorization. It provides superior durability and reliability in the drop segment of the network.

Features and Benefits

Compact, robust design

Improves ease of handling and installation; reduces transportation and storage costs

Flexible, robust cable

Solves unique challenges associated with MDU deployments

DualDrop™ Cable, 1 fibre, OptiTap® FTTx Drop Pigtail 5.0 ZBL, 100 m, SM R5 (OS2)



Specifications

Shipping Dimensions	
Height	580 mm
Width	120 mm
Depth	580 mm

Specifications - Connector A	
Connector type	No connector

Specifications - Connector B	
Reflectance, typical	-65 dB
Insertion loss, max.	0.3 dB
Connector type	SC APC OptiTap® Connector
Ferrule material	Zirconia

Mechanical Characteristics	
Cable length	50 m
Axial pull, plug to cable, through the dust cap	333.62 N (75 lb) at -18 °C

Design	
Fibre count	1

General Specifications	
Fibre category	ClearCurve® ZBL
Cable assembly type	Drop Assemblies
Environment	Indoor/Outdoor

DualDrop™ Cable, 1 fibre, OptiTap® FTTx Drop Pigtail 5.0 ZBL, 100 m, SM R5 (OS2)

CORNING

General Specifications

Cable Type	Drop
Packaging	Individual Pack
Termination	One end
Application	Aerial, Direct Buried, Duct

Ordering Information

Product Number	004301UFDT3100M
EAN Code	4042673654261
Packaging method	Box

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Round Drop Cable tested to IEC 61753-1
Design And Test Criteria	IEC 61753-1 Cat U

Optical Characteristics

Fibre code	U
Fibre name	ClearCurve® ZBL
Fibre Type	Single-mode
Performance option code	31
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fibre category	G.657.B3/G.652.D

DualDrop™ Cable, 1 fibre, OptiTap® FTTx Drop Pigtail 5.0 ZBL, 100 m, SM R5 (OS2)

CORNING



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany
+00 800 2675 4641 • FAX: +49 30 5303 2335 • www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2022 Corning Optical Communications. All rights reserved.