DualDrop™ Cable, 1 fibre, OptiTap® FTTx Drop Pigtail 5.0 LBL, 150 m, SM R5 (OS2)

CORNING

Part Number:
004301JFDT3150M

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

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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	150 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

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General Specifications

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

Ordering Information

Product Number	004301JFDT3150M
EAN Code	4042673605690
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

Cable cutoff wavelength	1260 nm
Fibre name	ClearCurve® LBL
Fibre Type	Single-mode
Cladding diameter	125 µm -0.7 / +0µm
Dispersion @ 1550 nm	18 nm
Maximum Attenuation	0.38 dB/km / 0.25 dB/km
Fibre Bend Performance at 1550nm 7.5mm radius	0.4 dB/turn
Mode-Field Diameter at 1310 nm	8.6 µm -0.4 / +0µm
Mode-Field Diameter at 1550 nm	9.6 µm -0.5 / +0µm
Wavelengths	1310 nm / 1550 nm
PMD Link Design Value	0.06 ps/(nm*km)

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Optical Characteristics	
PMD (Polarization Mode Dispersion) maximum individual fibre	0.2 ps/(nm*km)
Fibre category	SM Bend Resistant (G657.A2/B2)

RoHS
COMPLIANT