

Outdoor/Indoor OptiTap® preconnectorized drop cable

An Evolant® Solutions Product

CORNING

Applications

As an Industry leader in optical connectivity products, Corning Cable Systems designs and manufactures the OptiTap® 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® 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 also provides superior durability and reliability in the drop segment of the network. The cables can be installed in mini ducts, for dielectric self-supporting aerial cable application and indoor areas.

Features

Unique design reduces the total installed cost of drop cable deployment

- Single fiber, single mode SC APC drop cable assemblies
- Available with one end connectorized
- Environmentally sealed connector housing permits rapid connection to external flush-mounted bulkhead adapters on terminals or closures. Terminal or closure entry is not required for drop cable installation
- Cable can be deployed both indoors and outdoors
- Useable in mini ducts, for dielectric self-supporting aerial cable application and indoor areas
- The 900µm tight buffer design is especially suitable for field-installable OptiSnap™ connectors
- Non-metallic strength members (aramid and glass yarns with water swellable yarns) to realise the tensile load
- Outer jacket LSZH, UV-resistant
- Low-smoke according to IEC 61034 and zero-halogen (LSZH)
- Corning® Single-Mode ClearCurve® Bend Optimized LBL Optical Fiber, fully compliant with ITU-T G.657.A2/B2 and G.652.D (Other fiber type is available if requested)
- Bend optimized fiber allows for reduction in the cable bending diameter



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Specifications

General Specifications

Connector	OptiTap®
Typical Insertion Loss	≤ 0.15 dB
Typical Reflectance	-65 dB

Cable characteristics

Outer diameter cable (D), approx.	5 mm
Weight of the cable, approx.	28kg/km
Max. tensile load during installation*	700N
Permanent tensile load during operation*	300N
Fibre Category	Bend-improved SM (OS2)

Temperature range

Installation and assembly	-5 to 50
Operation	-30 to 70
Transport and Storage	-40 to 70

Chemical Characteristics

RoHS	Free of hazardous substances acc. to RoHS 2002/95/EG
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*) no increase of attenuation

Ordering Information

Outdoor/Indoor OptiTap® Preconnectorized Drop Cable

Order No.	Type	Description	Length
004301J3Z50030M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 030M OptiTap	30m
004301J3Z50050M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 050M OptiTap	50m
004301J3Z50100M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 100M OptiTap	100m
004301J3Z50150M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 150M OptiTap	150m
004301J3Z50220M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 220M OptiTap	220m
004301J3Z50400M	OptiTap® pigtail	FTTx drop PIGTAIL 5.0LBL 400M OptiTap	400m