

# TuffDuct®

## Direct Buried Microduct



### Features & Benefits

- Ultra tough, high crush resistant microduct
- Very low friction & low static DVC lining aiding fiber installations
- Compact size OD perfect for slot trenching
- Withstands high temperature (exposure to bitumen)
- Toneable version available with 0.75 mm hard drawn copper clad steel wire
- Low coil set product
- Class-leading push and blow ability
- Comes with a pull cord as standard

### Compatibility:

- QuikPush® cable assemblies
- High install tension suitable for all direct bury methods
- Slot cut trenching methods
- Industry standard push-fit connectors
- Compatible with all microduct, fiber and cables



### Overview

TuffDuct® Direct Buried Microduct has an ultra low-friction & low static DVC lining to assist in pulling, blowing and pushing of fiber or cable. TuffDuct is an ultra tough 10 mm microduct for routing fiber optic cables underground. TuffDuct is suitable for direct bury deployment due to the special HDPE polymer that it is constructed from. It is available with a tone-wire if required for locating purposes.

### Applications

- FTTH/FTTX indoor and outdoor
- Telcom Networks

### Technical Data

#### Product Specifications

Part Number	Color	OD (mm)	ID (mm)	Crush (N)	Tension (N)	Nominal Weight	*Bend Radius (Installed)	**Bend Radius (Installation)
10-0010	Orange	10.0	6.0	2000	800	62.2 kg/km	20x OD	10x OD
10-0010FT	Orange	10.0	6.0	2000	800	42 lbs/kft	20x OD	10x OD
10-0843	Orange	10.0	6.0	2000	800	56.3 kg/km	20x OD	10x OD
10-0843FT	Orange	10.0	6.0	2000	800	38 lbs/kft	20x OD	10x OD

\*This is the minimum radius to which the TuffDuct should be subject once it is installed. This radius will make it easier to install the QuikPush cable assembly with its Balistix connector.

\*\*This is the bend radius that the TuffDuct can be temporarily be subjected to during the installation process. The final bend radius should be the installed radius as defined above.

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### Technical Data

#### Environmental Specification

Operating Temperature	Installation Temperature
°C (°F)	°C (°F)
-40 to 70 (-40 to 158)	-10 to 60 (14 to 140)

ISO9001 Production, REACH, ROHS, Certificate of Origin, EN 50411-6-1, IEC 60794-5

### Ordering Information

Part Number	Product Code	SKU Length	SKU Weight	Reel Diameter	Reel Weight	Reel Width
10-0010	TD8-P-10.0-6.0-PE-ORG-1KM	1000 m	68.7 kg (151.1 lb)	750 mm	6.5 kg (14.3 lb)	400 mm
10-0010FT	TD8-P-10.0-6.0-PE-ORG	3280 ft	68.7 kg (151.1 lb)	750 mm	6.5 kg (14.3 lb)	400 mm
10-0843	TD-P-10.0-6.0-PE-ORG-1KM	1000 m	62.8 kg (138.2 lb)	750 mm	6.5 kg (14.3 lb)	400 mm
10-0843FT	TD-P-10.0-6.0-PE-ORG	3280 ft	62.8 kg (138.2 lb)	750 mm	6.5 kg (14.3 lb)	400 mm

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