

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 (21 gauge) hard drawn copper clad steel wire
- 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	Tone Wire	Color	OD	ID	Crush	Tension	Nominal Weight	*Bend Radius
			<i>mm</i>	<i>mm</i>	<i>N</i>	<i>N</i>		
10-0010	Yes	Orange	10.0	6.0	2000	800	132 lb (60 kg)	20x OD
10-0010FT	Yes	Orange	10.0	6.0	2000	800	132 lb (60 kg)	20x OD
10-0010FT-1000	Yes	Orange	10.0	6.0	2000	800	44 lb (20 kg)	20x OD
10-0843	No	Orange	10.0	6.0	2000	800	124 lb (56 kg)	20x OD
10-0843FT	No	Orange	10.0	6.0	2000	800	124 lb (56 kg)	20x OD

*This is the minimum radius to which the TuffDuct should be subject once it is installed.

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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 Description	SKU Length	Weight	Reel Diameter	Reel Width
10-0010	TuffDuct-TW-10mm/6mm-DB-PE-ORG-1KM	1000 M	132 lb (60 kg)	750 mm	400 mm
10-0010FT	TuffDuct-TW-10mm/6mm-DB-PE-ORG-3280FT	3280 FT	132 lb (60 kg)	750 mm	400 mm
10-0010FT-1000	TuffDuct-TW-10mm/6mm-DB-PE-ORG-1000FT	1000 FT	44 lb (20 kg)	550 mm	350 mm
10-0843	TuffDuct-10mm/6mm-DB-PE-ORG-1KM	1000 M	124 lb (56 kg)	750 mm	400 mm
10-0843FT	TuffDuct-10mm/6mm-DB-PE-ORG-3280FT	3280 FT	124 lb (56 kg)	750 mm	400 mm

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