

TuffDuct™

Direct Buried Microduct

TuffDuct™ – Direct Buried Microduct is a 10mm microduct for the routing of cables and optical fibers underground and is ultra tough. TuffDuct™ Ultra – Direct Buried Microduct is suitable for direct bury deployment thanks to the special polymer it is constructed from and is available with a tone-wire if required for locating purposes.

TuffDuct™ – Direct Buried Microduct has a ultra low-friction & low static DVC™ lining to assist in pulling, blowing and pushing of fiber or cable.



Applications

- FTTh/FTTx - Outdoor
- Telecoms

Advantages

- Ultra tough
- Ultra low friction & low static DVC™ lining aiding fiber installations
- Ultra high crush resistance
- Compact size OD perfect for slot trenching
- Can be direct buried
- Withstands high temperature e.g. exposure to bitumen
- Toneable version available with 0.75mm hard drawn copper clad steel wire. This is a low coil set product.
- Class-leading push and blow ability

Compatibility List

TuffDuct™ – Direct Buried Microduct is compatible with:

- QuikPush products
- High install tension suitable for all direct bury methods
- Low friction & low static DVC™ lining for excellent blow, push and pull properties
- Industry standard push-fit connectors
- Compatible with all microduct, fiber and cables

Product Specifications

Material	Property	Best for...	Color
PBT	Durable outdoor material, some UV resistance	All general applications	BLK, WHT
PA12	(Nylon) Durable indoor material, European LSZH	Frequently accessed ODFs needing extra protection	WHT
MDPE	Standard cable jacket material	Aerial	BLK
HDPE	Harder & denser than MDPE	Direct bury	ORG
PVDF	Used for indoor & outdoor applications. Meets US fire ratings (OFNR)	Indoor use especially building risers	WHT
PP	Basic most cost effective grade	Protecting fiber in cabinets	ALL
PEMX	Specialized LSZH & riser material	Indoor use especially building risers	WHT, BLK

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

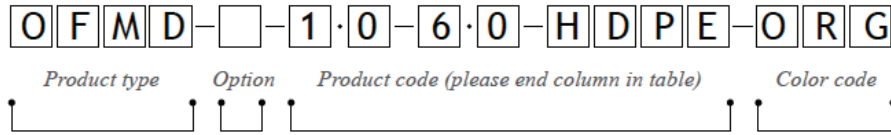
TuffDuct™

Direct Buried Microduct

Authorized Partner



Enquiry Information: Code Builder



Product Type

OFMD = Optical Fiber Microduct

Option

T = Tonewire

Unique Product Code

e.g. 1.0-6.0-PETD
(end column)

Color Code

(check availability)
BLK = Black
ORG = Orange

Pre-fibered Drop Duct Product List

Material	OD	ID	Crush	Tension	Nominal Weight	Bend Radius	Bend Radius	Install Temp	Product Code
	(mm)	(mm)	(n)	(n)	(kg/km)	(Passive)	(Active)	(Celsius)	
HDPE	10	6.0	2000	800	49.1	10x OD	5x OD	-10 to +60	1.0-6.0-HDPE

Environmental Conditions:

Operating
Temperature:
-10°C / +60°C