

Connectix Cabling Systems™

HDPE Direct Burial Microduct



HDPE Direct Buried Microduct is an ultra tough 10mm microduct for routing cables and optical fibres underground. HDPE 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. .

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

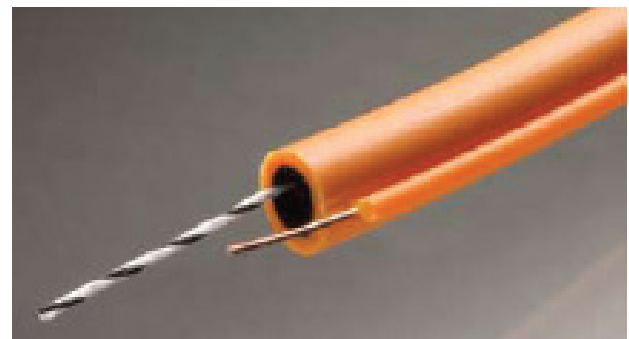
Features & Benefits

- Ultra tough
- Ultra low friction & low static DVC™ lining aiding fibre 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 abilities

Compatibility List

HDPE 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, fibre and cables



Product Specifications			
Material	Property	Best For	Colour
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 fibre 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

Direct Burial Microduct Product List									
Material	OD (mm)	ID (mm)	Crush (n)	Tension (n)	Nominal Weight (kg/km)	Bend Radius (Passive)	Bend Radius (Active)	Install Temp (celsius)	Product Code
HDPE	10.0	6.0	2000	800	49.1	10x OD	5x OD	-10 to +60	10-6.0 HDPE

Environmental Conditions	
Operating Temperature:	Installation Temperature:
-40°C/+70°C	-10°C/+60°C

Ordering Information	
Product Description	Part Number
Miniflex Outdoor HDPE Direct Burial Orange 10mm x 6.0mm Microduct - per metre (with pull cord)	002-900-807-01
Miniflex Outdoor HDPE Direct Burial Orange 10mm x 6.0mm Microduct + Tone Wire - per metre (with pull cord)	002-900-807-02