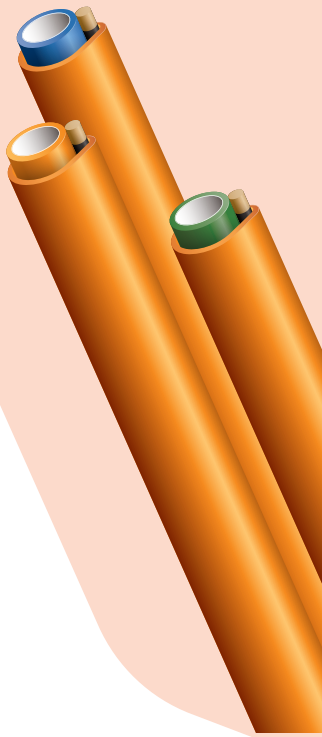
MICROTECHNOLOGY

MICRODUCT LOCATABLE



- Locatable MicroDuct drop
- Multiple sizes to accommodate a wide variety of fiber cables from 1.2mm - 11mm OD and select flat drops
- Larger sizes to fit pre-connectorized drops
- Ruggedized with oversheath for harsh conditions
- Available in continuous lengths to facilitate placement
- Permanent SILICORE ULF® lining to reduce friction and ease drop placement

INSTALLATIONS

Plow
Trench
Directional Bore
MicroTrench

SIZE RANGE AVAILABLE (OD/ID MM)

7/4	12.7/10	18/14
8.5/6	14/10	22/16
12.7/8	16/12	27/20

STANDARD COLORS

Custom Colors Available

FEATURES

STANDARD

SPECIFICATIONS/DETAILS MicroDucts are smaller diameter conduit, manufactured from flexible HDPE (High Density Polyethylene). Includes a 20 AWG insulated copper wire

FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.

CONDUIT MARKINGS Permanent marking along MicroDuct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

CO-EXTRUDED LINING SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

INTERNAL RIBS Standard (except 3.5mm ID which are designed with a standard smooth interior)

RIP CORDS For easy opening of the oversheath

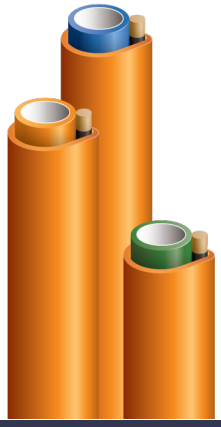
OPTIONS

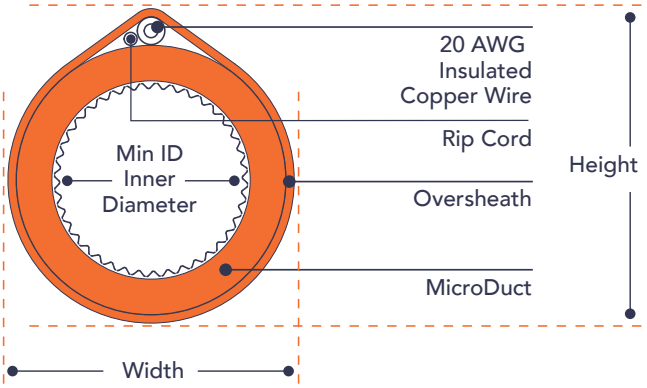
PRE-INSTALLED STRING Factory pre-installed Pull String available in MicroDucts to aid in cable placement.

PRE-INSTALLED FIBER Fiber cable or cordage can be factory pre-installed in MicroDucts

Authorized Distributor CONNECT

MICRODUCTS LOCATABLE TECHNICAL SPECIFICATIONS





MICRODUCT SIZE (MM)	MIN ID (MM/IN)	HEIGHT (MM)	WIDTH (MM)	OVER-SHEATH (IN)	WEIGHT (LB/FT)	BEND RA-DIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LBS)
7/4	3.7/0.15	9.3	7.8	0.015	0.024	4	7	130
8.5/6	5.9/0.23	11.7	10.2	0.030	0.033	5	10	178
12.7/8	7.8/0.31	15.2	13.5	0.015	0.061	6	12	328
12.7/10	9.8/0.39	15.2	13.5	0.015	0.041	6	12	216
14/10	9.8/0.39	15.0	16.7	0.020	0.065	7	14	346
16/12	11.6/0.46	18.8	17.0	0.020	0.074	8	16	392
18/14	13.6/0.54	20.8	19.1	0.020	0.083	9	18	445
22/16	15.5/0.61	25.0	23.3	0.025	0.146	15	25	779
27/20	20.7/0.81	29.7	27.9	0.025	0.168	18	29	898

† Safe working pull strength is calculated at 80% of tensile or breaking strength
* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

Authorized Distributor CONNECT