

MICROTECHNOLOGY

PLENUM MICRODUCTS

- MicroDucts are small, 5mm – 27mm in diameter
- Available empty, with a single fiber cord (cable) or pull string pre-installed
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Preinstalled fiber cables provide a substantial cost saving deployment method for FTTX installations with a one-step placement of MicroDuct and fiber cable
- Dura-Line stocks single fiber (SM) cordage for fast deliveries (Riser and Plenum)
- Complete Installation Guides are available, contact Customer Service or our Field Support Staff
- Ships on small, easy to handle reels

INSTALLATION TYPES

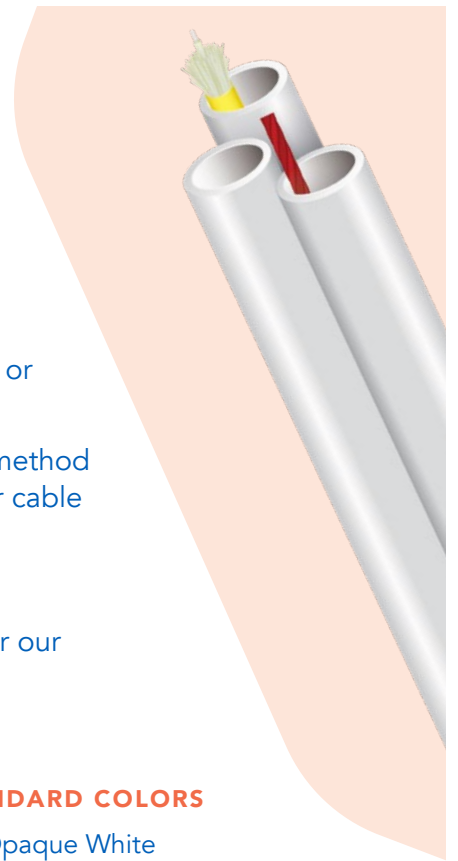
Interior MDU FTTX

SIZE RANGE AVAILABLE (OD/ID MM)

18/15	8.5/6.7
16/13	8/6
14/11	5/3.5
12.7/10.2	

STANDARD COLORS

Opaque White



FEATURES

STANDARD

ETL LISTED UL 2024 & CSA C22.2 No.262-04 and UL-94 V-0 & CSA FT6

SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available

SILICORE Co-extruded with the tough HDPE jacket creating a super, slick permanent lining. SILICORE lined ducts allow for higher speed cable jetting and longer cable pulls.: OFS and AFL Single Mode (SM) Bend Insensitive fiber stocked

INTERNAL RIBS standard on most MicroDucts (3.5mm ID are designed with a standard smooth interior)

OPTIONS

PRE-INSTALLED FIBER OR PULL-STRING OPTION Fiber cable or cordage can be factory preinstalled; alternatively, MicroDuct can be supplied with a factory pre-installed pull string for pulling in fiber optic cable



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PLENUM MICRODUCTS TECHNICAL SPECIFICATIONS

OD/ID (MM)	NOM OD (IN)	MIN ID (MM/IN.)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	5/0.2	3.4/0.13	0.012	2	4	43
8/6	8/0.32	5.8/0.23	0.028	3	6	101
8.5/6.7	8.5/0.34	6.7/0.26	0.024	3	7	89
12.7/10.2	12.7/0.5	10.2/0.4	0.052	5	10	188
14/11	14/0.55	11.4/0.45	0.061	6	11	222
16/13	15.9/0.63	12.8/0.51	0.080	6	13	293
18/15	0.709	14.7/0.58	0.097	7	14	352

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



Riser MicroDucts ship on small, easy to handle reels