

**MICROTECHNOLOGY**

# RISER MICRODUCTS

- MicroDucts are small, 5mm – 27mm in diameter
- Available empty, with a single fiber cord (cable), or pull string preinstalled
- 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	SIZE RANGE AVAILABLE (OD/ID MM)				MICRODUCT COLORS
Interior MDU	27/20	16/13	12/10	5/3.5	■ ■
FTTX	22/16	16/12	10/8		
	18/15	14/11	8.5/6		
	18/14	12.7/10	7/5.5		

**FEATURES**

<b>STANDARD</b>
<b>ETL LISTED</b> UL 2024 & CSA C22.2 No.262-04 and UL-94 V-0 & CSA FT6
<b>SEQUENTIAL FOOT OR METER MARKINGS</b> Custom print streams available
<b>SILICORE</b> 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
<b>INTERNAL RIBS</b> standard on most MicroDucts (3.5mm ID are designed with a standard smooth interior)
<b>OPTIONS</b>
<b>PRE-INSTALLED FIBER OR PULL-STRING OPTION</b> 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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## RISER MICRODUCTS TECHNICAL SPECIFICATIONS

OD/ID (MM )	NOM OD (IN)	MIN ID (MM/IN.)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPST†
5/3.5	5/0.2	3.4/0.13	0.007	2	4	31
7/5.5	7/0.28	5.6/0.22	0.01	3	6	46
8.5/6	8.5/0.34	5.9/0.23	0.022	3	7	89
10/8	10/0.39	7.9/0.31	0.018	4	8	93
12/10	12/0.47	9.9/0.39	0.026	5	9	106
12.7/10	12.7/0.5	9.8/0.39	0.033	5	10	156
14/11	14/0.55	10.6/0.42	0.047	6	11	192
16/12	16/0.63	12.8/0.5	0.044	6	13	214
16/13	0.625	12.8/0.50	0.044	6	13	214
18/14	0.709	13.6/0.54	0.080	7	14	328
18/15	0.709	14.7/0.58	0.062	7	14	253
22/16	22/ 0.87	16/0.63	0.112	9	17	527
27/20	26.7/1.05	20.7/0.81	0.139	11	21	1,026

\* 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