

**MICROTECHNOLOGY**

# FUTUREPATH RISER

- Designed for installations in risers in accordance with the National Electric Code as well as general purpose applications, including vertical installations in shafts from floor-to-floor
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct
- Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% and 75% for optimal cable placement performance. Several factors impact jetting distance, including the condition of route, bends, and equipment



**INSTALLATION TYPES**

Interior

**CONFIGURATIONS**

2-way	12-way
3-way	19-way
4-way	24-way
7-way	

**OVERSHEATH & MICRODUCT COLORS**

Dull YellowMicroDuct

**FEATURES**

<b>STANDARD</b>
<b>ETL LISTED</b> UL 2024 & CSA C22.2 No.262-04 and UL-94 V-2 & CSA FT4
<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>SEQUENTIAL FOOT OR METER MARKINGS</b> Custom print streams available
<b>RIP CORD(S)</b> for easy opening of the sheath.
<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

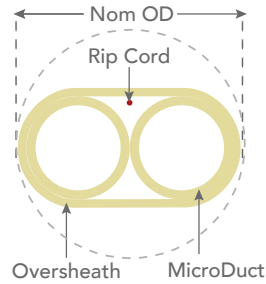


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# FUTUREPATH 2-WAY RISER



## FUTUREPATH RISER 2-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPST†
5/3.5	3.4/0.13	0.46	0.03	0.032	7	12	149
8.5/6	5.9/0.23	0.77	0.05	0.091	12	19	419
12.7/10	9.8/0.39	1.1	0.05	0.151	17	28	685

\* 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

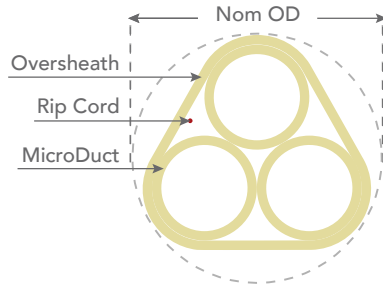


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# FUTUREPATH 3-WAY RISER



**FUTUREPATH RISER 3-WAY TECHNICAL SPECIFICATIONS**

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	0.51	0.04	0.049	7	11	232
8.5/6	5.9/0.23	0.85	0.06	0.134	11	19	615
12.7/10	9.8/0.39	1.22	0.07	0.23	16	27	1060

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 † Safe working pull strength is calculated at 80% of tensile or breaking strength

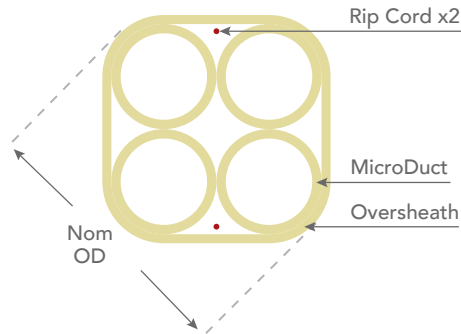


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# FUTUREPATH 4-WAY RISER



## FUTUREPATH RISER 4-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	0.56	0.04	0.061	7	12	283
8.5/6	5.9/0.23	0.93	0.06	0.165	12	20	749
12.7/10	9.8/0.39	1.35	0.07	0.285	17	29	1303

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† Safe working pull strength is calculated at 80% of tensile or breaking strength

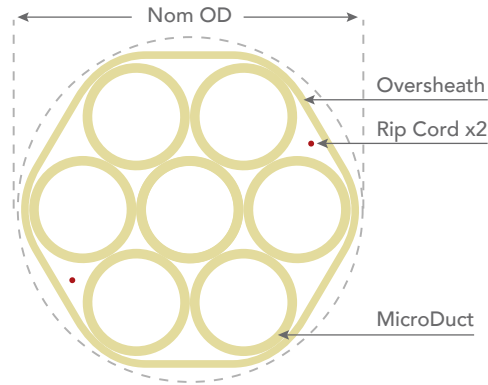


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# FUTUREPATH 7-WAY RISER



## FUTUREPATH RISER 7-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	0.68	0.04	0.091	9	16	418
8.5/6	5.9/0.23	1.13	0.06	0.251	16	26	1119
12.7/10	9.8/0.39	1.64	0.07	0.433	23	38	1945

\* 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

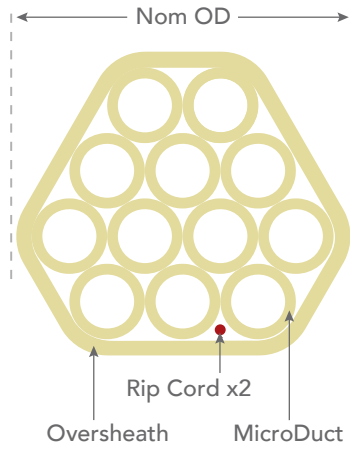


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# FUTUREPATH 12-WAY RISER



## FUTUREPATH RISER 12-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	0.88	0.04	0.139	12	20	630
8.5/6	5.9/0.23	1.48	0.06	0.392	20	33	1724

\* 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

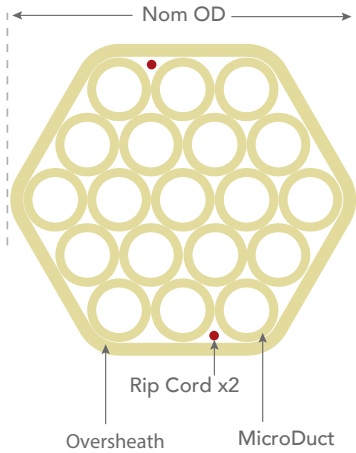


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# FUTUREPATH 19-WAY RISER



## FUTUREPATH RISER 19-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	1.07	0.04	0.203	14	24	909
8.5/6	5.9/0.23	1.8	0.06	0.576	24	41	2502

\* 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

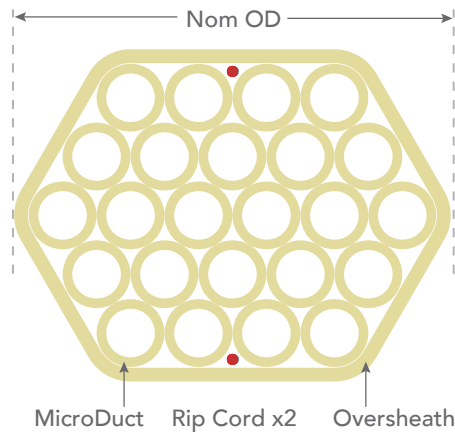


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# FUTUREPATH 24-WAY RISER



## FUTUREPATH RISER 24-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM )	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS†
5/3.5	3.4/0.13	1.27	0.04	0.248	19	32	1106
8.5/6	5.9/0.23	2.13	0.06	0.706	32	53	3050

\* 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



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