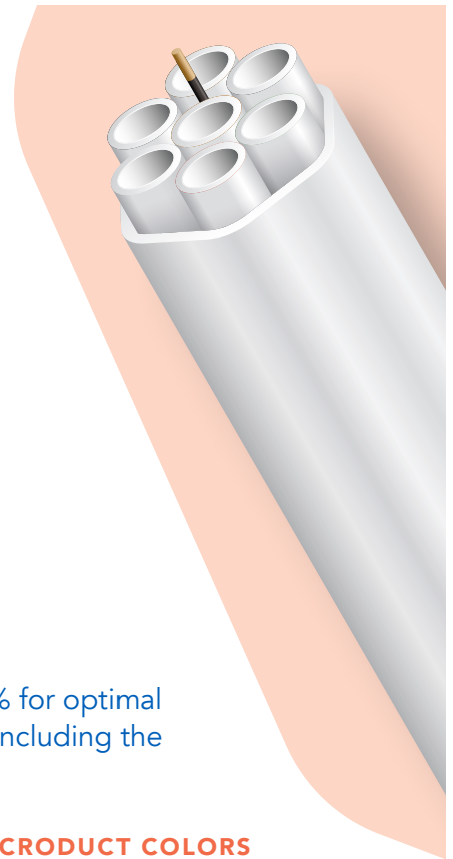


MICROTECHNOLOGY

FUTUREPATH PLENUM

- Designed for installations in spaces used for environmental air in accordance with the National Electric Code as well as riser and general purpose applications, including inside structure, space above ceilings and below floors
- 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% to 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

Opaque White

STANDARD

ETL LISTED UL 2024 & CSA C22.2 No.262-04 and UL-94 V-2 & CSA FT4

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.)

SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available

RIP CORD(S) for easy opening of the sheath.

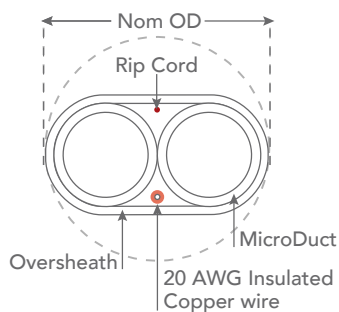
OPTIONS

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

FEATURES

MICROTECHNOLOGY

FUTUREPATH 2-WAY PLENUM



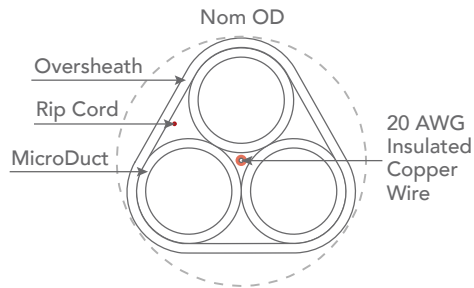
FUTUREPATH PLENUM 2-WAY TECHNICAL SPECIFICATIONS

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	0.44	0.02	0.04	7	11	133
8.5/6	5.9/0.23	0.71	0.02	0.076	11	18	377
12.7/10	9.8/0.39	1.05	0.025	0.156	16	26	745

* 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

MICROTECHNOLOGY

FUTUREPATH 3-WAY PLENUM



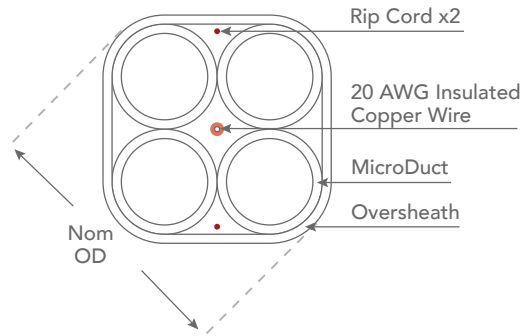
FUTUREPATH PLENUM 3-WAY TECHNICAL SPECIFICATIONS

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	0.47	0.02	0.055	6	10	272
8.5/6	5.9/0.23	0.77	0.02	0.106	10	17	508
12.7/10	9.8/0.39	1.05	0.025	0.218	12	24	1004

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

MICROTECHNOLOGY

FUTUREPATH 4-WAY PLENUM



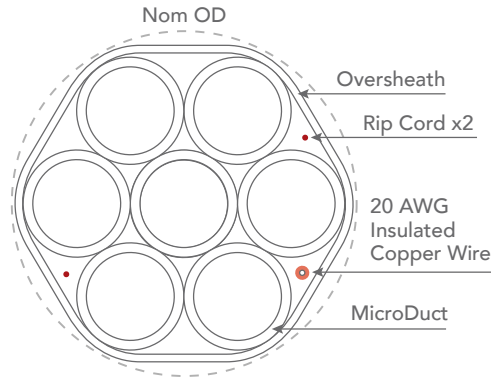
FUTUREPATH PLENUM 4-WAY TECHNICAL SPECIFICATIONS

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	0.52	0.02	0.069	7	11	337
8.5/6	5.9/0.23	0.85	0.02	0.134	11	18	626
12.7/10	9.8/0.39	1.3	0.045	0.338	16	27	1676

* 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

MICROTECHNOLOGY

FUTUREPATH 7-WAY PLENUM



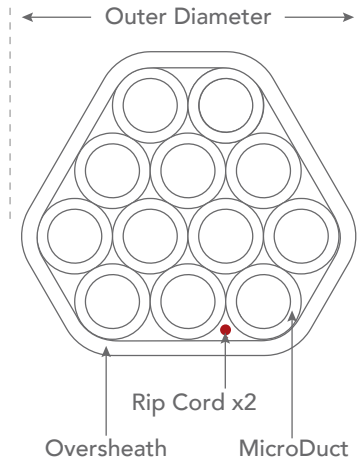
FUTUREPATH PLENUM 7-WAY TECHNICAL SPECIFICATIONS

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	0.63	0.02	0.111	9	15	517
8.5/6	5.9/0.23	1.06	0.025	0.229	15	24	1057
12.7/10	9.8/0.39	1.59	0.045	0.53	22	37	2496

* 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

MICROTECHNOLOGY

FUTUREPATH 12-WAY PLENUM



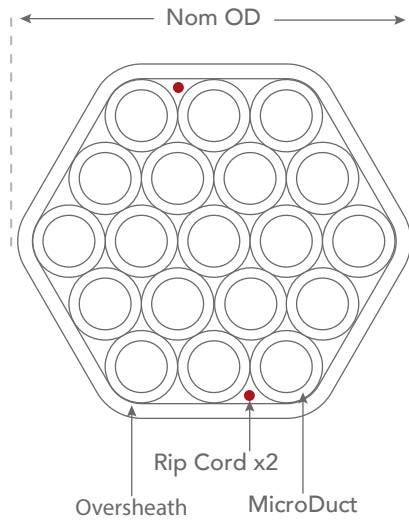
FUTUREPATH PLENUM 12-WAY TECHNICAL SPECIFICATIONS

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	0.84	0.02	0.177	11	19	792
8.5/6	5.9/0.23	1.41	0.025	0.369	19	32	1644

* 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

MICROTECHNOLOGY

FUTUREPATH 19-WAY PLENUM



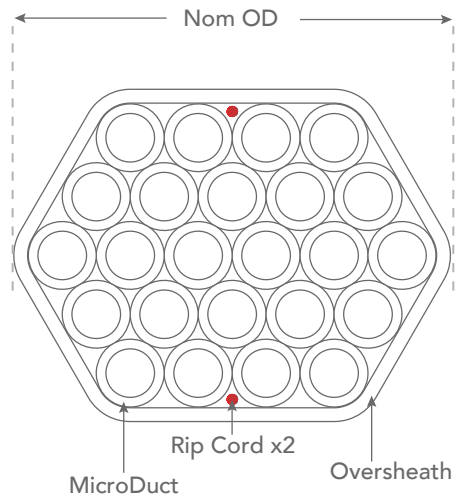
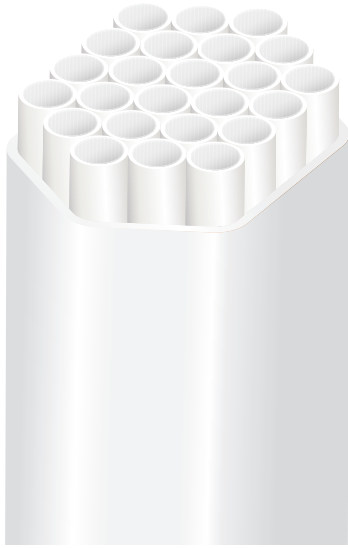
FUTUREPATH PLENUM 19-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWP5†
5/3.5	3.4/0.13	1.04	0.025	0.28	14	23	1252
8.5/6	5.9/0.23	1.74	0.03	0.577	23	39	2552

* 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

MICROTECHNOLOGY

FUTUREPATH 24-WAY PLENUM



FUTUREPATH PLENUM 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)	SWPST†
5/3.5	3.4/0.13	1.24	0.025	0.288	14	23	1309
8.5/6	5.9/0.23	2.07	0.03	0.713	23	38	3111

* 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