

MICROTECHNOLOGY

FUTUREPATH FIGURE-8

- Multiple pathways for one installation cost, allows flexibility and future growth
- MicroDucts are factory bundled in a carbon black polyethylene oversheath with antioxidants for maximum UV protection
- Extra high-strength galvanized steel strand utilizes industry standard aerial strand hardware
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



INSTALLATION TYPES

Aerial

CONFIGURATIONS

2-way 7-way
4-way

STANDARD COLORS



 Oversheath

Custom Colors Available

FEATURES

STANDARD

SPECIFICATIONS/DETAILS FuturePath Figure-8 is a unit of bundled MicroDucts supported by a 1/4" Extra High Strength Galvanized Steel Strand. Manufactured from flexible HDPE (High Density Polyethylene). The Oversheath is carbon black polyethylene with antioxidants for maximum UV protection.

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 FuturePath 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. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

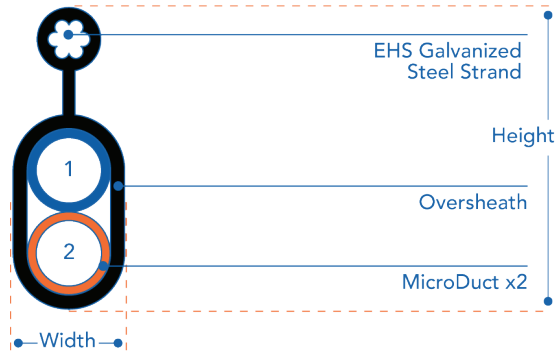
INTERNAL RIBS Standard (except 3.5mm ID MicroDucts which are designed with a standard smooth interior)



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FUTUREPATH FIGURE-8 2-WAY TECHNICAL SPECIFICATIONS

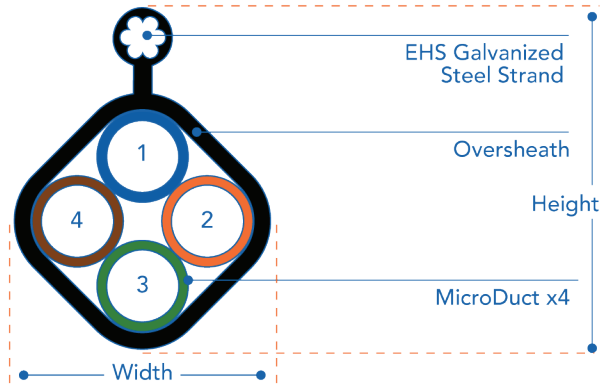


FUTUREPATH FIGURE-8 2-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	EHS GALVANIZED STRAND (IN)	HEIGHT (IN)	WIDTH (IN)	OVER-SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	CONDUIT SWPS (LBS)	STRAND SWPS (LBS)
8.5/6	5.9/0.23	1/4	1.52	0.56	0.085	0.275	8	14	841	6,650
12.7/10	9.8/0.39	1/4	1.82	0.67	0.085	0.323	10	17	1,094	6,650
16/13	12.8/0.50	1/4	2.14	0.89	0.130	0.424	21	43	1,649	6,650
18/14	13.6/0.54	1/4	2.24	0.88	0.085	0.457	43	71	1,671	6,650

* 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

FUTUREPATH FIGURE-8 4-WAY TECHNICAL SPECIFICATIONS

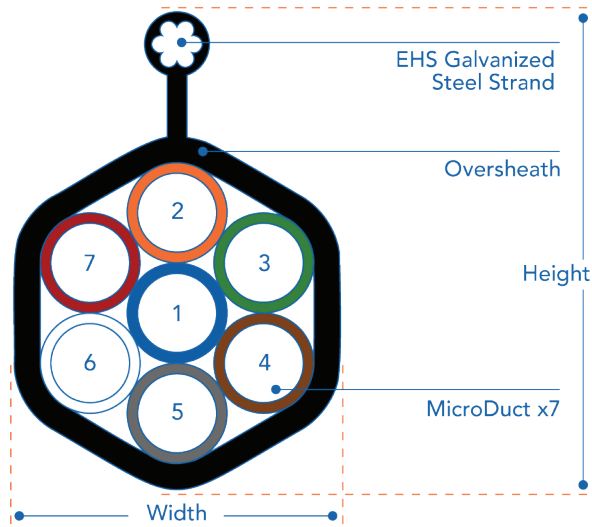


FUTUREPATH FIGURE-8 4-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	EHS GALVANIZED STRAND (IN)	HEIGHT (IN)	WIDTH (IN)	OVER-SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	CONDUIT SWPS (LBS)	STRAND SWPS (LBS)
12.7/10	9.8/0.39	1/4	2.03	1.38	0.085	0.448	18	29	1,620	6,650
16/13	12.8/0.50	1/4	2.41	1.78	0.130	0.576	27	45	2,418	6,650
18/14	13.6/0.54	1/4	2.53	1.89	0.085	0.611	38	63	2,643	6,650

* 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

FUTUREPATH FIGURE-8 7-WAY TECHNICAL SPECIFICATIONS



FUTUREPATH FIGURE-8 7-WAY TECHNICAL SPECIFICATIONS

MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	EHS GALVANIZED STRAND (IN)	HEIGHT (IN)	WIDTH (IN)	OVER-SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	CONDUIT SWPS (LBS)	STRAND SWPS (LBS)
12.7/10	9.8/0.39	1/4	2.31	1.53	0.085	0.547	25	42	2,700	6,650

* 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