

**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.

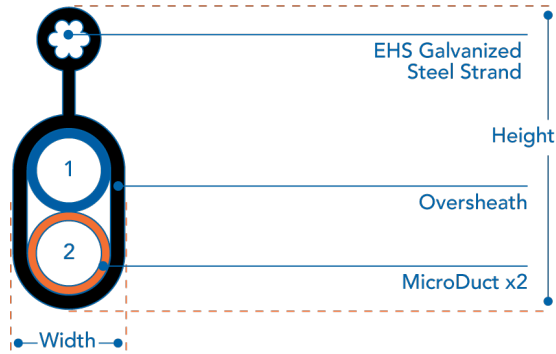
**INTERNAL RIBS** Standard (except 3.5mm ID MicroDucts which are designed with a standard smooth interior)



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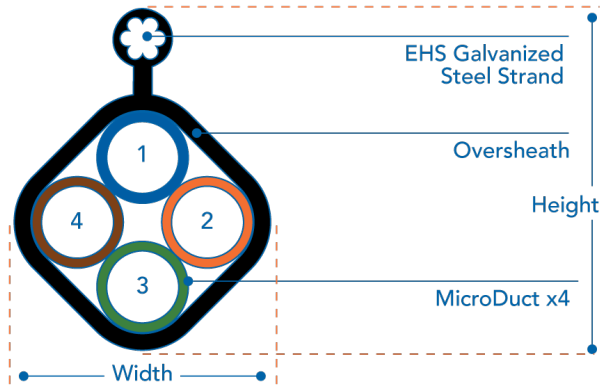
## FUTUREPATH FIGURE-8 2-WAY TECHNICAL SPECIFICATIONS



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	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

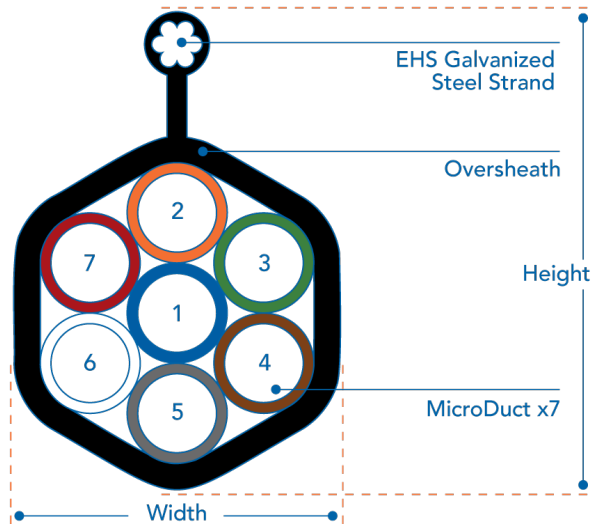
## FUTUREPATH FIGURE-8 4-WAY TECHNICAL SPECIFICATIONS



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
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



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