

MICROTECHNOLOGY

FUTUREPATH AERIAL

- 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
- External ribs for easy gripping of lashing wire
- 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

Aerial

CONFIGURATIONS

2-way

4-way

3-way

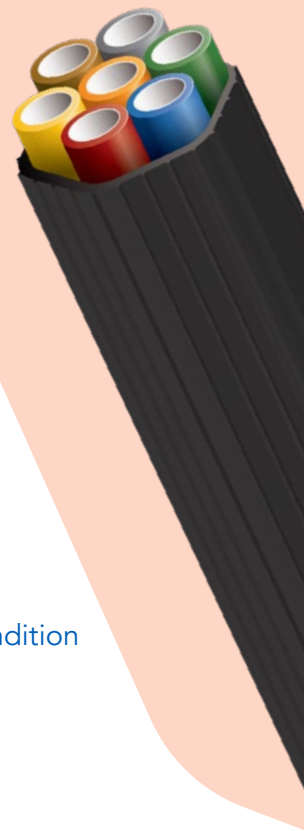
7-way

STANDARD COLORS

 MicroDuct

 Oversheath

Custom Colors Available



FEATURES

STANDARD

SEQUENTIAL FOOT OR METER MARKINGS. Custom print streams available

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

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.

SHIPS ON STANDARD REEL

INTERNAL RIBS: standard on most MicroDucts. (3.5mm ID are designed with a standard smooth interior.)

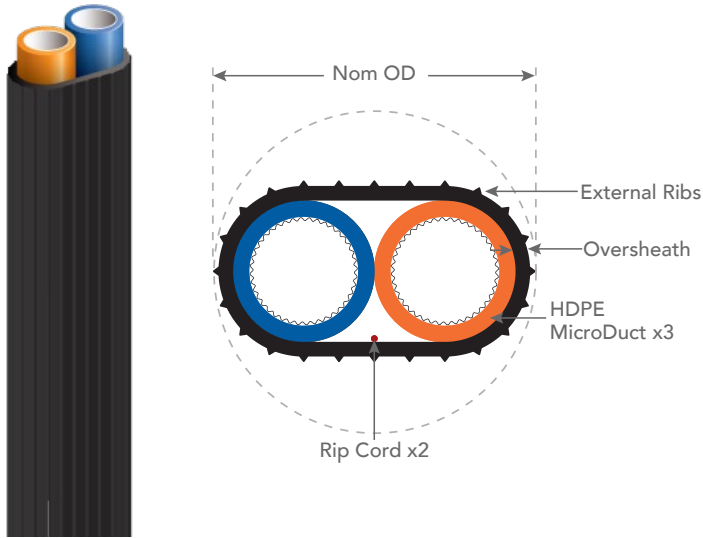


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FUTUREPATH AERIAL 2-WAY



FUTUREPATH AERIAL 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)	SWPS† (LBS)
12.7/10	9.8/0.39	1.1	0.05	0.122	17	28	652
18/14	13.6/0.54	1.62	0.07	0.249	24	41	1300

* 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

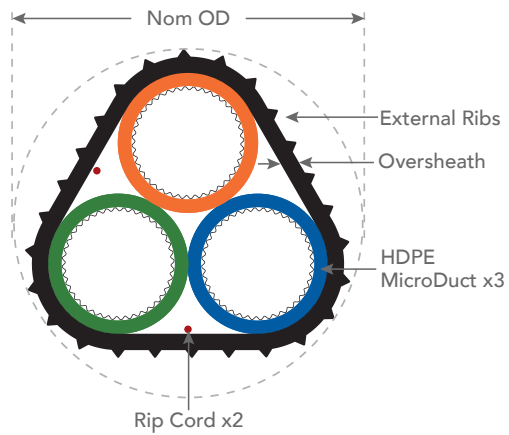


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FUTUREPATH AERIAL 3-WAY



FUTUREPATH AERIAL 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† (LBS)
12.7/10	9.8/0.39	1.22	0.05	0.167	18	31	890
16/13	12.8/0.50	1.56	0.07	0.256	21	35	1334
22/16	15.5/0.61	2.01	0.07	0.524	26	44	2806

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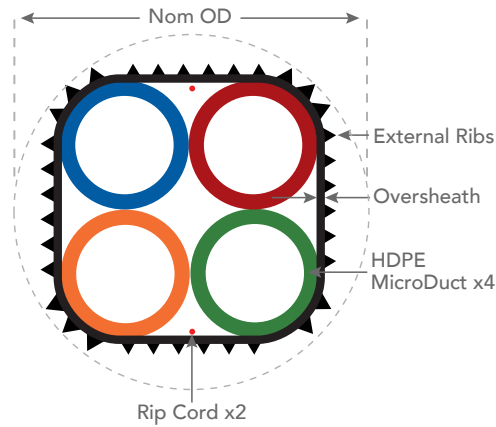


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FUTUREPATH AERIAL 4-WAY



FUTUREPATH AERIAL 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† (LBS)
10/8	7.9/0.31	1.15	0.10	0.208	12	23	1,116
12.7/10	9.8/0.39	1.35	0.07	0.244	17	29	1,303
16/13	12.8/0.50	1.65	0.07	0.314	21	35	1,639
18/14	13.6/0.54	1.9	0.07	0.423	29	48	2,275
22/16	15.5/0.61	2.23	0.07	0.669	28	47	3,580

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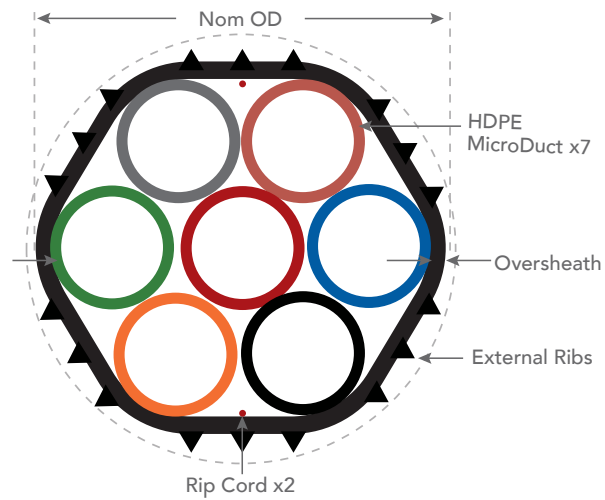


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FUTUREPATH AERIAL 7-WAY



FUTUREPATH AERIAL 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† (LBS)
12.7/10	9.8/0.39	1.69	0.07	0.37	17	34	1,969
16/13	12.8/0.50	2.1	0.07	0.484	32	53	2,601

* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

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