

## MICROTECHNOLOGY

# FUTUREPATH LSZH

- LSZH: Low Smoke Zero Halogen
- Very low smoke generation for better visibility
- MicroDucts available from 5mm to 27mm and factory bundled with an oversheath
- 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  
Tunnel Walls  
Data Centers  
Confined Spaces

### CONFIGURATIONS

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

### STANDARD COLORS

Chalky White

## FEATURES

### STANDARD

**SEQUENTIAL FOOT OR METER MARKINGS** Custom print streams available

**150 PSI MAXIMUM** installation pressure

**NO HALOGENS** safer to use in confined spaces

**MICRODUCTS ETL VERIFIED** to UL1685-4 and IEC 60754-1



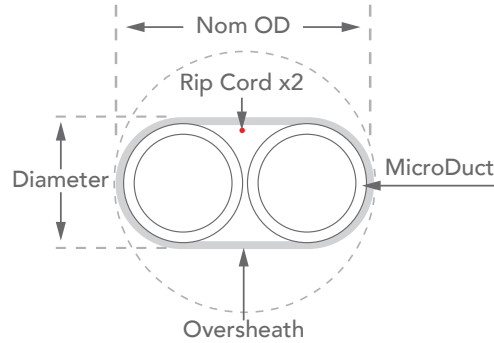
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TL9000



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# FUTUREPATH LSZH 2-WAY



## FUTUREPATH LSZH 2-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVER-SHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	0.46	0.03	0.03	4	7	124
8.5/6	5.9/0.23	0.77	0.05	0.088	7	11	354
12.7/10	9.8/0.39	1.1	0.05	0.141	9	15	561
16/13	12.8/0.50	1.35	0.05	0.174	11	18	698
18/14	13.6/0.54	1.62	0.1	0.332	14	23	1,352
22/16	15.5/0.61	1.78	0.05	0.347	14	24	1,363
27/20	20.7/0.81	2.2	0.05	0.43	17	29	1,690

\* 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

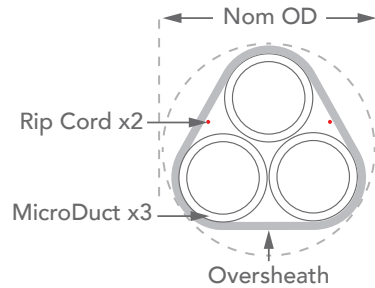


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# FUTUREPATH LSZH 3-WAY



## FUTUREPATH LSZH 3-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	0.48	0.04	0.048	7	11	194
8.5/6	5.9/0.23	0.79	0.06	0.129	11	19	518
12.7/10	9.8/0.39	1.14	0.07	0.223	16	27	891
16/13	12.8/0.50	1.49	0.07	0.287	13	26	751

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

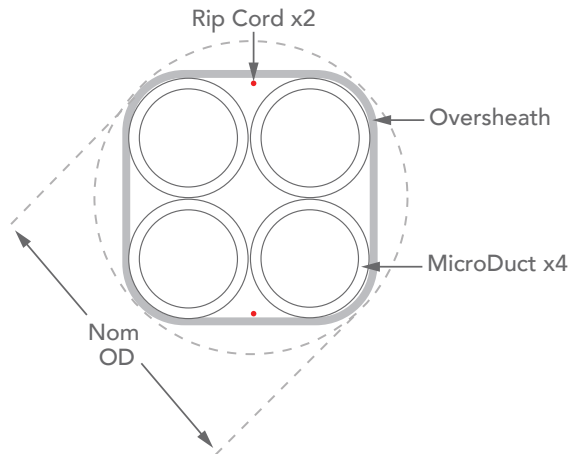


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# FUTUREPATH LSZH 4-WAY



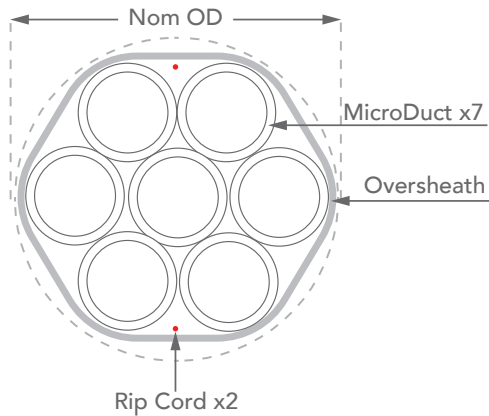
## FUTUREPATH LSZH 4-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	0.56	0.04	0.059	7	12	238
8.5/6	5.9/0.23	0.93	0.06	0.159	12	20	634
12.7/10	9.8/0.39	1.35	0.07	0.277	17	29	1100
16/13	12.8/0.50	1.65	0.07	0.357	14	28	935
18/14	13.6/0.54	1.86	0.07	0.484	16	32	1,265
22/16	15.5/0.61	2.29	0.1	0.789	29	49	3,140
27/20	20.7/0.81	2.68	0.07	0.853	34	56	3,349

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# FUTUREPATH LSZH 7-WAY



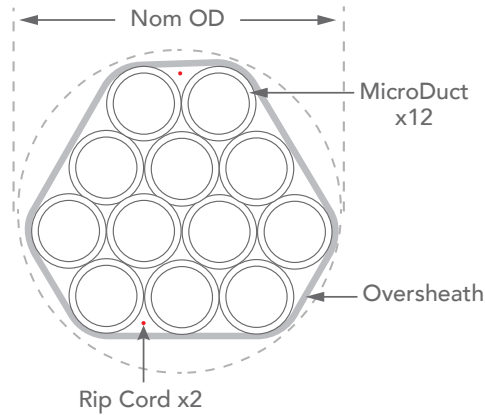
## FUTUREPATH LSZH 7-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	0.68	0.04	0.088	9	16	353
8.5/6	5.9/0.23	1.13	0.06	0.242	16	26	951
12.7/10	9.8/0.39	1.64	0.07	0.422	23	38	1,650
16/13	12.8/0.50	2.02	0.07	0.538	30	51	2,134
18/14	13.6/0.54	2.27	0.07	0.745	31	52	2,913

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# FUTUREPATH LSZH 12-WAY



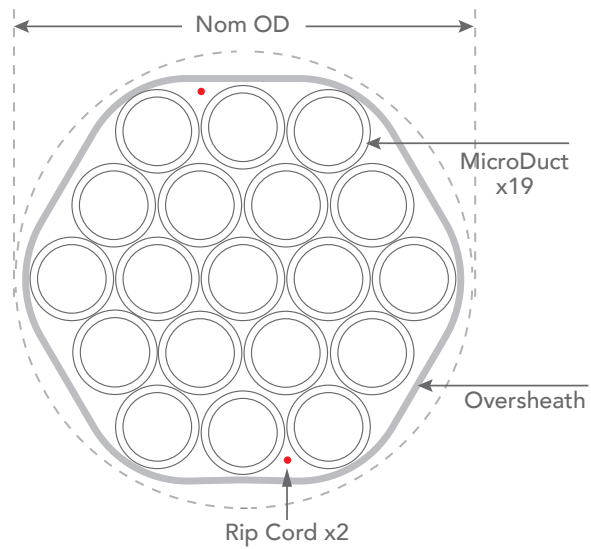
## FUTUREPATH LSZH 12-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	0.88	0.04	0.136	12	20	535
8.5/6	5.9/0.23	1.48	0.06	0.376	20	33	1,461
12.7/10	9.8/0.39	2.17	0.07	0.656	20	39	0

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# FUTUREPATH LSZH 19-WAY



## FUTUREPATH LSZH 19-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	1.07	0.04	0.197	14	24	770
8.5/6	5.9/0.23	1.8	0.06	0.553	24	41	2,127
12.7/10	9.8/0.39	2.64	0.07	0.958	24	47	0

\* 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

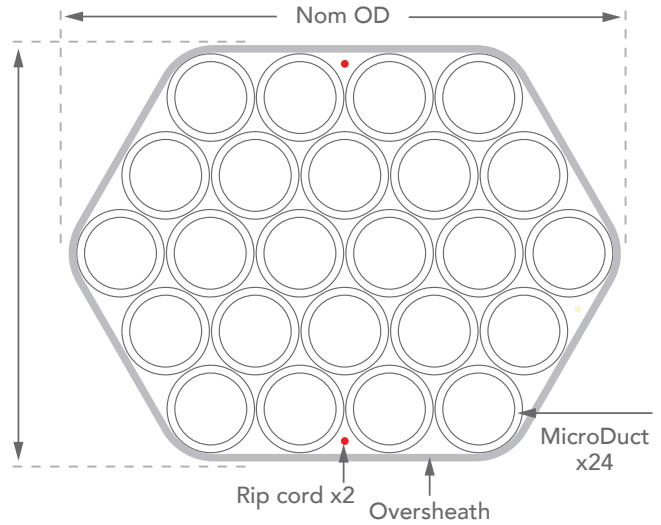
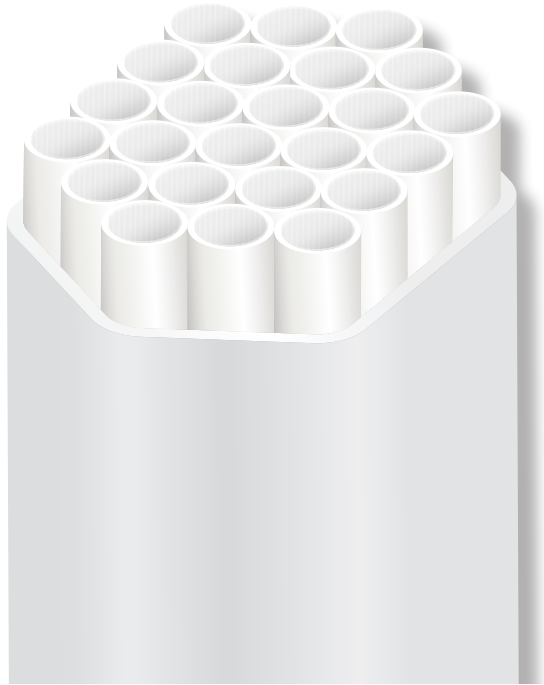


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# FUTUREPATH LSZH 24-WAY



## FUTUREPATH LSZH 24-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (#/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS† (LBS)
5/3.5	3.4/0.13	1.27	0.04	0.242	14	24	943
8.5/6	5.9/0.23	2.13	0.06	0.647	21	43	2,567

\* 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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