

MICROTECHNOLOGY

FUTUREPATH JUMBO 4-WAY

- ▶ FuturePath configuration consisting of four conduits, available in a variety of sizes and wall types
- ▶ A perfect choice for customers who would like to plan for future possibilities using larger standard fiber cables for one installation cost
- ▶ No special tools or equipment needed; installation uses the same as traditional conduit or innerduct

INSTALLATION TYPES

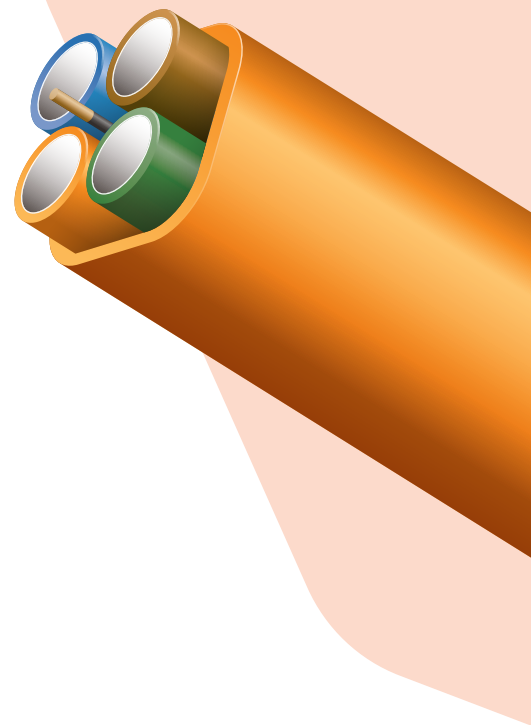
Plow
Trench
MicroTrench
Directional Bore
Tray

STANDARD COLORS

Oversheath
■
Conduit
■ ■ ■ ■
Custom Colors Available

CONFIGURATIONS

(4) 1" SDR 11
(4) 1" SDR 13.5
(4) 1 1/4" SDR 11
(4) 1 1/4" True SDR 11.5



FEATURES

STANDARD

SPECIFICATIONS/DETAILS FuturePath Jumbo is a unit of bundled conduits. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.

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. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

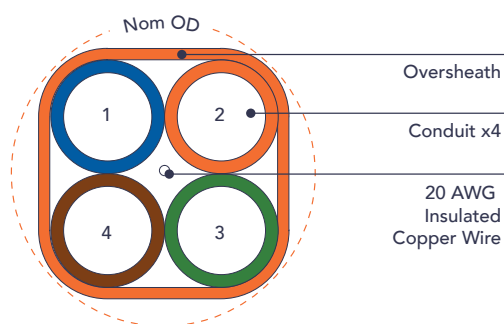
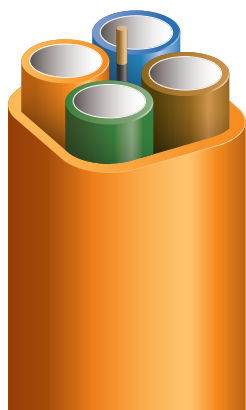
LOCATE WIRE Available with or without a 20 AWG insulated copper wire

RIP CORDS For easy opening of the oversheath

OPTIONS

INTERNAL RIBS Internal ribs available upon request

FUTUREPATH JUMBO 4-WAY TECHNICAL SPECIFICATIONS



WALL TYPES	MAX OD (IN)	HEIGHT (IN)	WIDTH (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1" SDR 11	3.32	2.77	2.77	0.070	1.098	42	69	5,874
1" SDR 13.5	3.32	2.77	2.77	0.070	0.966	42	69	5,173
1 1/4" True SDR 11.5	3.74	3.12	3.12	0.070	1.182	47	78	6,315
1 1/4" SDR 11	4.16	3.47	3.47	0.070	1.597	62	104	8,730

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

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

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

DUCT TYPE	OD (IN/MM)	MIN ID (IN/MM)
1" SDR 11	1.315/33.40	1.035/26.30
1" SDR 13.5	1.315/33.40	1.080/27.30
1 1/4" True SDR 11.5	1.488/37.80	1.230/31.10
1 1/4" SDR 11	1.660/42.16	1.313/33.35