

MICROTECHNOLOGY

FUTUREPATH HYBRID 6-WAY



- FuturePath configuration mixing variations of popular MicroDuct sizes with common Smoothwall duct sizes and materials
- A perfect choice for customers who need to place micro cables and larger standard fiber cables at the same time, or would like to plan for future possibilities
- 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



configurations

| | |
|--|--|
| 1.25" True SIDR 9 (x3) + 18/14mm MicroDuct (x3) | 1.25" SDR 13.5 (x3) + 18/14mm MicroDuct (x3) |
| 1.25" True SIDR 11.5 (x3) + 18/14mm MicroDuct (x3) | 1.50" SDR 11 (x3) + 18/14mm MicroDuct (x3) |
| 1.25" SDR 11 (x3) + 18/14mm MicroDuct (x3) | 1.50" SDR 11 (x3) + 22/16mm MicroDuct (x3) |

installation types

- Plow
- Trench
- Directional Bore

standard colors



STANDARD FEATURES

| |
|--|
| MATERIAL HDPE Standard conduit: Smooth Outside/Smooth Inside MicroDuct: Smooth Out/Ribbed In |
| SILICORE AND SUPER SILICORE is co-extruded with the tough HDPE wall creating a permanent, super slippery interior lining. It has the lowest co-efficient of friction compared to other options, no performance loss in all temperature conditions and functions without additional wet lubricants |
| INTERNAL RIBS standard on MicroDucts only |
| LOCATE WIRE Available with or without a 20 AWG insulated copper wire |
| RIP CORD(S) for easy opening of the sheath |
| SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available |
| FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% and 75% for optimal cable placement performance. Several factors impact jetting distance, including the condition of route, bends, and equipment. |
| STANDARD PACKAGING Available on standard 90" reels with up to 1250' put-ups per reel |

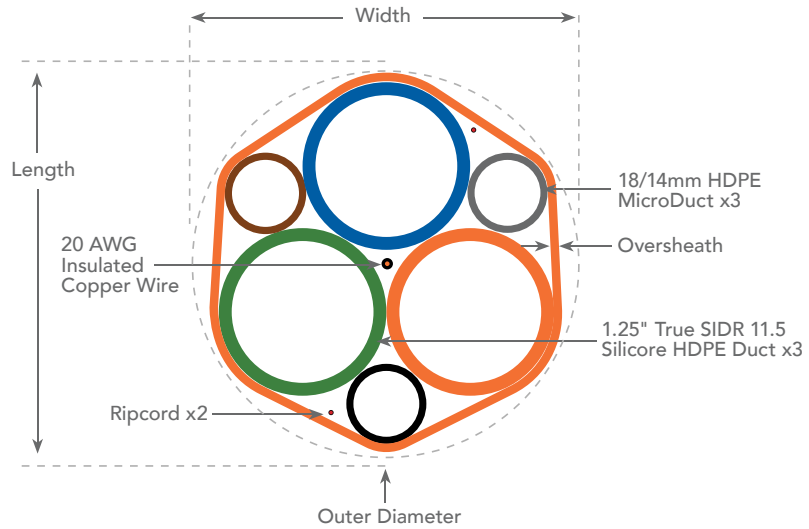


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FUTUREPATH HYBRID 6-WAY



FUTUREPATH HYBRID 6-WAY TECHNICAL SPECIFICATIONS

| SPECS FOR | DUCT TYPES | MAX OD (IN) | WIDTH (IN) | HEIGHT (IN) | OVER-SHEATH (IN) | WEIGHT (LB/FT) | BEND RADIUS SUP (IN)* | BEND RADIUS UNSUP (IN)* | SWPSt (LBS) |
|-----------|------------------------------|-------------|------------|-------------|------------------|----------------|-----------------------|-------------------------|-------------|
| | 1.25" True SDR9 +18/14mm† | 3.49 | 3.24 | 3.45 | 0.07 | 1.29 | 52 | 87 | 7021 |
| | 1.25" True SDR11.5 +18/14mm† | 3.35 | 3.12 | 3.34 | 0.07 | 1.116 | 50 | 84 | 5963 |
| | 1.25" SDR11 +18/14mm† | 3.72 | 3.46 | 3.61 | 0.07 | 1.448 | 56 | 93 | 7882 |
| | 1.25" SDR13.5 +18/14mm† | 3.72 | 3.46 | 3.61 | 0.07 | 1.3 | 56 | 93 | 6880 |
| | 1.5" SDR11 +18/14mm† | 4.21 | 3.92 | 3.97 | 0.07 | 1.682 | 63 | 105 | 9162 |
| | 1.5" SDR11 +22/16mm† | 4.23 | 3.94 | 4.14 | 0.07 | 1.932 | 63 | 106 | 10,147 |

* 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

‡ Individual duct specifications available on the next page




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SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

| SPECS FOR | DUCT TYPE | NOM OD (IN) | MIN ID (IN) |
|---|--------------------|-------------|-------------|
|  | 1.25" TRUE SDR9 | 1.530 | 1.230 |
| | 1.25" TRUE SDR11.5 | 1.488 | 1.224 |
| | 1.25" SDR11 | 1.660 | 1.318 |
| | 1.25" SDR13.5 | 1.660 | 1.374 |
| | 1.5" SDR11 | 1.900 | 1.512 |

MICRODUCT TECHNICAL SPECIFICATIONS

| SPECS FOR | MICRODUCT SIZE | OD (MM/IN) | MIN ID (MM/IN) |
|---|----------------|------------|----------------|
|  | 18/14mm | 18/0.71 | 13.6/0.54 |
| | 22/16mm | 22/0.87 | 15.4/0.61 |