



FEATURES:

- MicroDucts are small, 5mm – 18mm in Diameter
- Utilize space in an occupied duct
- Revitalize existing networks
- Substantially reduce construction costs & deployment time
- Install up to 288 fiber MicroCables

INSTALLATION APPLICATION:

Empty Duct, Override in Existing Occupied Duct, Direct Buried

MARKET APPLICATION:



COLOR:



FEATURES:

FOOTAGE MARKINGS

Sequential foot or meter markings. Custom print streams available.



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

Smooth or Straight Ribs are available with MicroDucts. Options vary by MicroDuct Size.

FIRE RETARDANT

Available in Fire Retardant Material: Riser, Plenum or Low Smoke Zero Halogen (LSZH)

MicroDuct Size (mm)	Nom OD (mm/in.)	Min ID (mm/in.)	Weight (#/ft)	Bend Radius SUP (in.)	Bend Radius UNSUP (in.)	Safe Working Pull Strength (lbs.)
5/3.5	5/0.20	3.4/0.13	0.006	2	4	33
7/3.5	7/0.28	3.4/0.13	0.018	3	6	97
7/5.5	7/0.28	5.4/0.21	0.009	3	6	49
8/6	8/0.31	5.9/0.23	0.014	3	6	76
8.5/6	8.5/0.33	5.9/0.23	0.018	3	6	96
10/6	10/0.39	5.9/0.23	0.033	4	8	174
10/8	10/0.39	7.9/0.31	0.018	4	8	93
12/10	12/0.47	9.8/0.39	0.021	5	10	114
12.7/10	12.7/0.50	9.8/0.39	0.032	5	10	167
12.7/8	12.7/0.50	7.8/0.31	0.050	5	10	268
14/10	14/0.55	9.8/0.39	0.050	6	12	264
14/11	14/0.55	10.9/0.43	0.039	6	12	205
16/13	16/0.63	12.8/0.50	0.043	6	12	229
16/11.76	16/0.63	11.54/0.45	0.060	6	12	318
18/14	18/0.71	13.6/0.54	0.066	7	14	352
22/16	21.3/0.84	15.5/0.61	0.101	9	18	537

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

Number of MicroDucts per Standard Duct Size SDR11 or SDR13.5:

Duct Size	16mm/13mm	12.7mm/10mm	12mm/10mm	10mm/8mm
1"	N/A	2	2	3
1.25"	2	3	4	5
1.5"	2	4	6	8
2"	5	7	8	10

Numbers can vary based on the path of the existing conduit, bend radii, elevation changes, distances, and installation method.