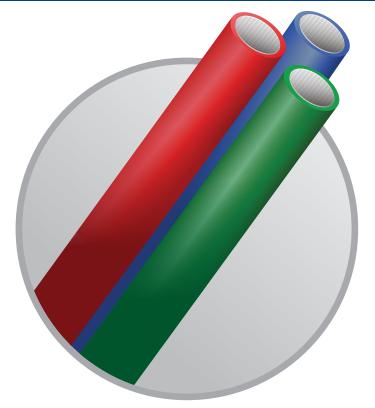
MICRODUCTS





FEATURES:

- MicroDucts are small, 5mm 18mm in Diameter
- Utilize space in an occupied duct
- Revitialize 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:	CATV	C&I DOT				
COLOR:		C (Custom)				
FEATURES:	FOOTAGE MARKINGS	Sequential foot or meter markings. Custom print streams available.				
	SUPER SILICORE™	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. Smooth or Straight Ribs are available with MicroDucts. Options vary by MicroDuct Size.				
	INTERNAL RIBS					
	FIRE RETARDANT	Available in Fire Retardant Material: Riser, Plenum or Low Smoke Zero Halogen (LSZH)				



MICRODUCTS



Availble Materials: ✓ HDPE ● Riser Rated ■ Plenum ★ LSHF

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.

