

FTtx MicroDrop Cable

The AFL Fiber Strand Unit (FSU) MicroDrop cable offers the FTTH designer a micro-cable for pedestal to subscriber ONT connections. The hard-shell, push-rod core integration system allows the cable to be installed, without air, for distances up to several hundred meters and much greater distances with air-assist. The small, compact geometry is ideal for micro-duct inside diameters ranging from 3.5 mm to 6 mm.

Features

- Hard-shell casing improves installer handling robustness compared to traditional micro-fiber units
- OFRP Push-rod allows FSU to be axially stressed to maximize push distances. No air need for typical FTTH drop applications.
- Low-friction cable sheath improves push air jetting distances
- With air-assist, FSU MicroDrop Cable can be installed over 1000 meters

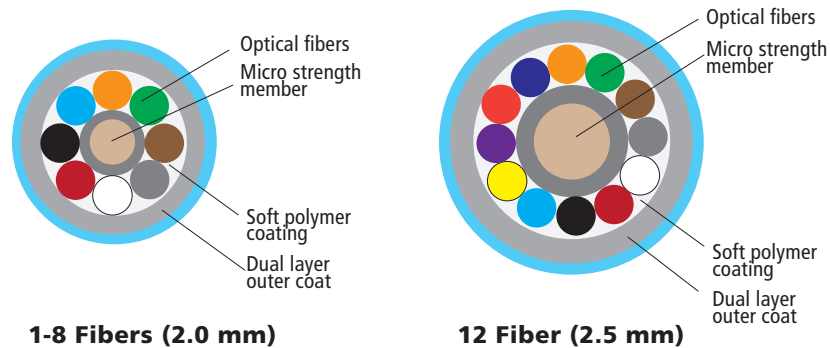
Applications

- Pushable and Air-jettable FTtx subscriber fiber optic drops
- Distribution route—low fiber-count lateral drops

Temperature Specifications

TEMPERATURE RANGE	
Operation	-50°C to +70°C
Storage	-50°C to +75°C
Installation	-30°C to +70°C

Cable Components



Mechanical Data

AFL NO.	FIBER COUNT	CORE GEOMETRY	NOMINAL DIAMETER		NOMINAL WEIGHT		MAXIMUM TENSILE LOAD		MINIMUM BEND RADIUS	
			inches	mm	lbs/1000 ft	kg/km	INSTALLATION lbs (kg)	OPERATION lbs (kg)	INSTALLATION inches (cm)	OPERATION inches (cm)
FSU01-AZ-2.0	1	1 with 7 fillers	0.08	2.0	3	4.1	10 (4.5)	5 (2.3)	4 (10)	2 (5)
FSU02-AZ-2.0	2	2 with 6 fillers	0.08	2.0	3	4.1	10 (4.5)	5 (2.3)	4 (10)	2 (5)
FSU04-AZ-2.0	4	4 with 4 fillers	0.08	2.0	3	4.1	10 (4.5)	5 (2.3)	4 (10)	2 (5)
FSU06-AZ-2.0	6	6 with 2 fillers	0.08	2.0	3	4.1	10 (4.5)	5 (2.3)	4 (10)	2 (5)
FSU08-AZ-2.0	8	8 with 0 fillers	0.08	2.0	3	4.1	10 (4.5)	5 (2.3)	4 (10)	2 (5)
FSU12-AZ-2.5	12	12 with 0 fillers	0.10	2.5	4	6.5	10 (4.5)	5 (2.3)	4 (10)	2 (5)