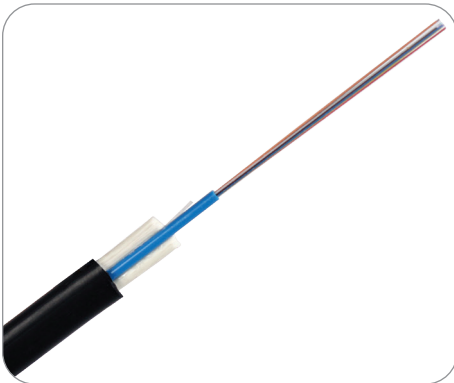




Flat Drop Cable

Flat drop cable serves as the last link of many fiber-to-the-x (FTTx) networks today. With its all-dielectric and self-supporting capability, flat drop cable does not require bonding, grounding, or messenger support. Two dielectric rods provide strength and crush protection in a low-profile design to the single loose buffer tube that contains the optical fiber.

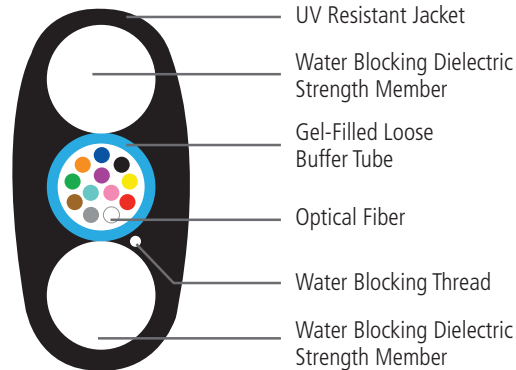
Features

- Available from 1 to 12 fibers in the same size
- UV resistant black jacket
- Outside plant construction
- Aerial or direct bury applications

Applications

- Drop cables
- Broadband network
- Local loop

Cable Components



Fiber Specifications

FIBER INFORMATION	MAXIMUM ATTENUATION (dB/km)	
	1310 NM	1550 NM
Single-mode	0.35	0.25

Mechanical Data

AFL PRODUCTION NO.	FIBER COUNT	NOMINAL DIAMETER				NOMINAL WEIGHT		MAXIMUM TENSILE LOADING				MINOR DIMENSION BEND RADIUS	
		MINOR		MAJOR				INSTALLATION		LONG TERM			
		inches	mm	inches	mm	lbs/ft	kg/km	lbs	N	lbs	N	inches	mm
DNP-0100-10	1	0.17	4.3	0.32	8.0	0.024	36	300	1335	90	405	3.15	76
DNP-0101-10	2	0.17	4.3	0.32	8.0	0.024	36	300	1335	90	405	3.15	76
DNP-0102-10	4	0.17	4.3	0.32	8.0	0.024	36	300	1335	90	405	3.15	76
DNP-0103-10	6	0.17	4.3	0.32	8.0	0.024	36	300	1335	90	405	3.15	76
DNP-0105-10	12	0.17	4.3	0.32	8.0	0.024	36	300	1335	90	405	3.15	76

continued
→



Flat Drop Cable

Recommended Products

DESCRIPTION	AFL NO.
AFL Titan RTD® Multiport Terminal	Refer to spec sheet for AFL No.
AFL Trident® Hardened Drop Cables	Refer to spec sheet for AFL No.
FASTConnect® Mechanical Connectors	Refer to spec sheet for AFL No.
FUSEConnect® Splice-on Connectors	Refer to spec sheet for AFL No.
OptiNID® Duo Optical Demarcation Enclosure	Refer to spec sheet for AFL No.
MDU Drop Assemblies	Refer to spec sheet for AFL No.

Qualifications

GOVERNING BODY	STANDARD CODE
Telcordia	GR-20-CORE

Contact AFL for toneable flat drop options.

Temperature Specifications

TEMPERATURE RANGE	
Operation	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-30°C to +70°C