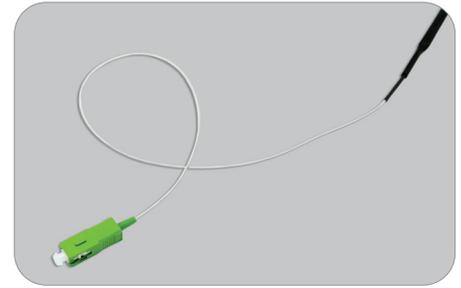


Pre-terminated Drop Cable Assemblies

AFL's Pre-terminated Drop Cable Assemblies are engineered to meet the rigorous performance standards required for today's FTTH (Fiber to the Home) applications. These assemblies help reduce costs by eliminating labor-intensive field terminations while delivering the same factory-terminated reliability trusted by the industry for years.

In addition, AFL Compact Drop Cable assemblies provide a compact, technician-friendly solution tailored for modern FTTx networks. Featuring reduced-diameter flat drop cables, these assemblies are available with dielectric and toneable options and an innovative design which allows quick and easy access to the fiber to reduce prep and installation time. Each cable includes tight-buffered fibers to simplify field-installable connections and can be offered with factory-terminated ends on one or both sides.



Features

- Factory Terminations on:
 - 250 μm outdoor or 900 μm indoor/outdoor flat drop cable
 - 250 μm armored drop
 - 900 μm pushable/air-jettable MicroDrop
 - 900 μm tight buffered fiber in dielectric and toneable options
 - BABA compliant cable options
- Flat drop is aerial self-support capable
- Smaller diameter
- Easier access to fiber for terminations

Applications

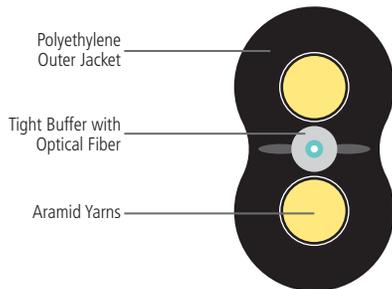
- FTTx and Service Provider drop cables to the end customers
- Toneable cables designed for direct burial



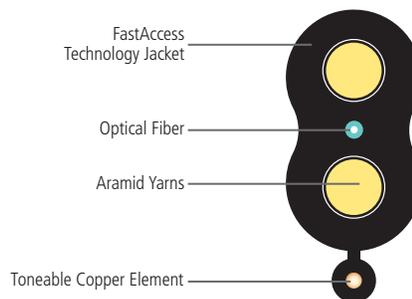
BABA compliant configurations and part numbers indicated where applicable. For complete list of compliant part numbers, see [AFL BABA Compliant Equipment List](#) on our website.

Cable Components

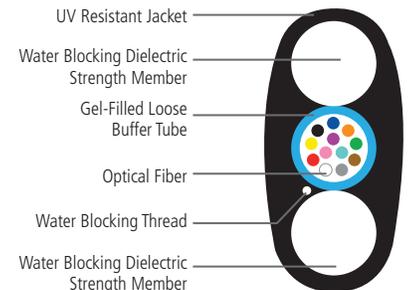
Reduced Diameter Dielectric Flat drop cable



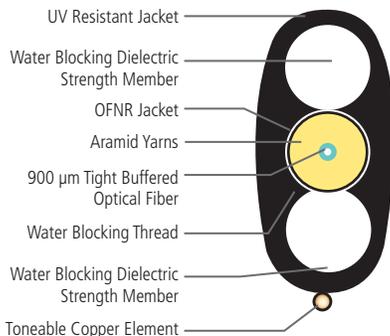
Reduced Diameter Toneable Flat drop cable



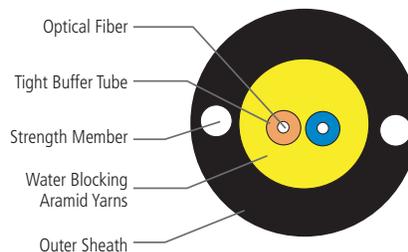
Standard Dielectric Flat Drop



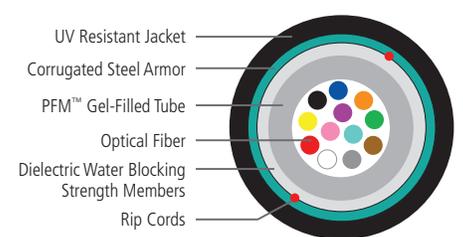
Toneable Indoor/Outdoor



MicroDrop



Armored Drop



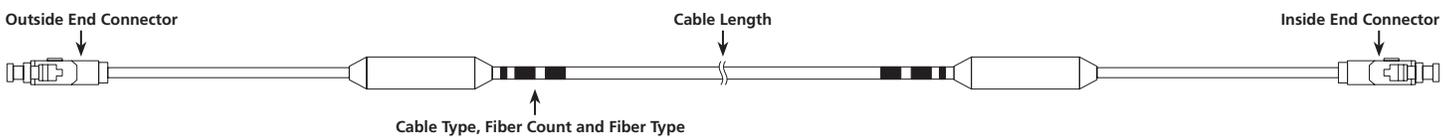
Pre-terminated Drop Cable Assemblies

Cable Specifications

Max Span Length at 1% Sag	
Standard Dielectric Flat Drop and Standard Toneable Flat Drop Cables	
NESC Light	550 ft (168 m)
NESC Medium	275 ft (84 m)
NESC Heavy	150 ft (46 m)
Mechanical Specifications	
Reduced Diameter Flat Drop Cables	
Max. Tensile Strength	Long-Term 400 N (89.92 lbf) (300 lbf Max Installation)
Min. Bend Radius Operation	63 mm (2.48 in)
Nominal Outer Diameter	5.4 mm x 3 mm (0.21 in x 0.12 in)
Cable Weight	15.2 kg/km (10.21 lb/1000 ft)
Optical Characteristics	
Reduced Diameter Flat Drop Cables	
Maximum Attenuation	0.35 dB/km / 0.35 dB/km / 0.25 dB/km

Ordering Information

ASC	XXX	DD	001	Q	0100	F	P
Outside End Connector	Inside End Connector	Cable Type	Fiber Count	Fiber Type	Cable Length	UOM	P
XXX = No connector	XXX = No connector	MDD = Reduced Diameter Dielectric Flat drop	001	Q = Corning SMF (OS2) ITU-T G.652.D	*4 digits Example: 0100F for 100 feet	F = Feet M = Meter	P Leave Blank if Pulling Eye not needed
ASC = Angled SC	ASC = Angled SC	MTD = Reduced Diameter Toneable Flat Drop	002	Z = Single-mode ITU-T G.657.A2 BIF (for I/O flat drop)			
USC = Ultra SC	USC = Ultra SC	DD = Dielectric Flat Drop	004				
ULC = Ultra LC	UDL = SM LC Duplex	TD = Toneable Flat Drop					
		KTD = Toneable Indoor/Outdoor Flat Drop					
		KDD = Dielectric Indoor/Outdoor Flat Drop					
		AN = Armored Drop					
		PD = Pushable MicroDrop					



* NOT all fiber types and fiber counts are available with each cable type. Contact your AFL Sales Team for further information.

Qualifications

Governing Body	Standard Code	Component
Telcordia	GR-326	Connectors and Cable
EIA/TIA	455-3	SC Connectors
ITU-T	G.652.D	Fiber

Cable Temperature Specifications

	Temperature Range
Installation	-30°C to 70°C (-22°F to 158°F)
Operation	-40°C to 70°C (-40°F to 158°F)
Storage	-40°C to 70°C (-40°F to 158°F)



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