



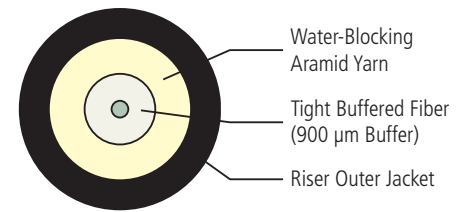
MDU Drop Cable

AFL MDU Drop cables are light weight, robust products specifically designed for deployment in FTTx environments available in both Black and White outer jacket colors. Products feature UV-Resistant and Anti-fungal outer jacket, with water-blocking aramid yarns in the core for additional network protection.

Features

- Water blocked cable core helps ensure any damage will be limited in the core of the cable
- Outer jacket is moisture-resistant, fungus-resistant and UV resistant for outdoor use
- Riser rating enables this cable to be used in multiple environments: Riser, general inside plant and outside plant

Cable Components



Ordering Information

DESCRIPTION	FIBER GRADE		
	ITU G.652.D / G.657.A1	ITU G.657.A2/B2	ITU G.657.B3
1F 3.0 mm - Black jacket	KR0019301801-VZ	KR001X301801-VZ-A2	KR001X301801-VZ-B3
1F 3.0 mm - White jacket	KR0019301601-VZ	KR001X301601-VZ-A2	KR001X301601-VZ-B3
1F 4.8 mm - Black jacket	KR0019481801-VZ	KR001X481801-VZ-A2	KR001X481801-VZ-B3
1F 4.8 mm - White jacket	KR0019481601-VZ	KR001X481601-VZ-A2	KR001X481601-VZ-B3
2F 4.8 mm - Black jacket	KR0029481801-VZ	KR002X481801-VZ-A2	KR002X481801-VZ-B3
2F 4.8 mm - White jacket	KR0029481601-VZ	KR002X481601-VZ-A2	KR002X481601-VZ-B3

Mechanical Information

FIBER COUNT	NOMINAL DIAMETER inches (mm)	WEIGHT lbs/1000 ft (kg/km)	TENSION lbs (N)		BENDING RADIUS inches (cm)	
			INSTALL	LONGTERM	INSTALL	LONGTERM
1F 3.0 mm	0.12 (3.0)	4.8 (7.1)	100 (440)	40 (200)	1.8 (4.5)	1.2 (3.0)
1F 4.8 mm	0.19 (4.8)	14 (21)	100 (440)	40 (200)	2.8 (7.2)	1.9 (4.8)
2F 4.8 mm	0.19 (4.8)	14 (21)	100 (440)	40 (200)	2.8 (7.2)	1.9 (4.8)

Fiber Specifications

CORE SIZE/FIBER TYPE	MAXIMUM ATTENUATION (dB/km)		GIGABIT ETHERNET MIN. LINK DISTANCE (meters)		10 GIGABIT ETHERNET MIN. LINK DISTANCE (meters)	
	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm
(9) Single-mode (ITU G.652.D/G.657.A1)	0.5	0.5	N/A	5,000	N/A	10,000
(X, -A2) ITU G.657.A2/B2	0.5	0.5	N/A	5,000	N/A	10,000
(X, -B3) ITU G.657.B3	0.5	0.5	N/A	5,000	N/A	10,000

Qualifications

GOVERNING BODY	STANDARD CODE
Telcordia	GR-409 Issue 2
ICEA	ICEA-S-104-696, ICEA S-115-730
Verizon	TPR 9424 Issue 3*

* 4.8 mm OD design with ITU G.657.B3 grade fiber required to meet all requirements

Temperature Specifications

TEMPERATURE RANGE	
Operation	-40°C to +70°C
Storage	-40°C to +70°C
Installation	-20°C to +70°C

Contact AFL for further details.