

# MDU Drop Cable Assemblies

AFL single-mode SC Angled Indoor and Indoor/Outdoor MDU Drop Assemblies are designed to meet stringent performance requirements of the latest FTTH (Fiber-to-the-Home) applications. Bend-insensitive fiber reduces macrobending attenuation when routing the drops in tight environments and the SC angled connector guarantees the high performance return loss required of video signals. Availability in both compact 3.0 mm and rugged 4.8 mm varieties allows for multiple installation scenarios. Assemblies are tested and qualified to Telcordia GR-326, Issue 3 requirements and meet all EIA.TIA 455-3 (FOCIS 3) interface standards for SC connectors.



Ivory Single-ended



Black Double-ended

## Features

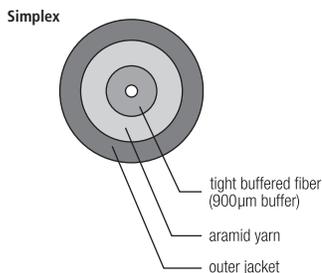
### Connectors:

- Ceramic ferrule utilized for precision fiber alignment
- Keyed push-pull latching mechanism
- Connector housings are color-coded (Green) for APC identification and -65 dB return loss

## Applications

- Multi-Dwelling Unit (MDU) drop cables for FTTH systems
- CATV Video systems
- LAN Networks

## Cable Components



## Qualifications

Governing Body	Standard Code
Telcordia	GR-326 (Issue 3)
EIA/TIA	455-3 (FOCIS 3)

## Temperature Specifications

Installation	-20°C to +70°C
Operating	-40°C to +70°C
Storage	-40°C to +70°C

## Specifications

Insertion Loss		Return Loss		Fiber Type	Max. Attenuation		Nominal Diameter		Tension		Bending Radius	
Max.	Typ.	Max.	Typ.		1310 nm	1550 nm	inches (mm)		lbs (N)		inches (mm)	
									Installation	Long Term	Installation	Long Term
0.25 dB	0.15 dB	-65 dB	-68 dB	Bend Insensitive G.657.B3	0.5 dB/km	0.5 dB/km	0.11 in. (3.0 mm)	0.19 in. (4.8 mm)	100 lbs. (450 N)	30 lbs. (150 N)	0.2 in. (5 mm)	0.2 in. (5 mm)

## Ordering Information

ASC	Blank	KR	001	X	0010	FT	BLACK
Connector End A	Connector End B	Cable Type	Fiber Count	Fiber Type	Cable Length	Unit of Measure	Color
ASC = Angle SC USC = Ultra SC	ASC = Angle SC USC = Ultra SC Blank = Single Ended	K48R = Indoor/Outdoor 4.8 mm KR = Indoor/Outdoor 3.0 mm	001 = 1	X = Bend Insensitive G.657.B3		Blank = Meters FT = Feet	Ivory Black



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.