

rugged indoor/outdoor mdU OFNR

Product Description

The Rugged Indoor/Outdoor MDU is a 5 mm simplex cable that meets ICEA-730 Draft specification for MDU cables. The cable is robust and can handle installation tensions as high as 100 pounds. The black jacket is UL Listed Sunlight Resistant and the cable design employs dry block technology to prevent water penetration without the use of gels. This cable is available with G.657.A2 or G.657.B3 compliant bend resistant single mode fiber, preventing light loss even under tight bends.

Applications

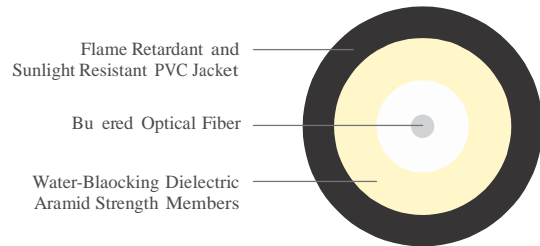
- Multi-Dwelling Units (MDU)
- Indoor or outdoor environments
- Horizontal (non-plenum) or riser spaces
- Optical entrance facility to end-user
- Passive optical networks

Features

- ICEA S-115-730-2011 (Draft) and ICEA-696 compliant
- Available with G.657.A2 or G.657.B3 single mode fiber
- Dry blocked core
- UL Sunlight Resistant
- Riser rated
- Feet/meter length marking

Benefits

- Insures reliable installation and performance
- Assures low attenuation loss even under installation stresses, such as tight bends and cable stapling
- Prevents water ingress from OSP to ISP environments
- Assures reliable performance even after long term sunlight exposure
- Meets fire safety requirements for MDUs
- No need for length unit conversion



Specifications

Configuration	Simplex 900 micron tight buffered fiber surrounded by water-blocking aramid yarns and covered by a riser-rated flame retardant and sunlight resistant jacket
Strength Elements	Dielectric aramid yarns
Water-Blocking	SAP Dry Block
Jacket	Black, flame retardant, sunlight resistant PVC
Performance Compliance	UL 1666 ANSI/ICEA S-83-696 ICEA S-115-730-2011 ANSI/TIA-568-C.3 REACH-compliant RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR UL, c(UL) Listed Sunlight Resistant

Environmental Specifications

Operation	-40°C to +70°C
Storage/Shipping	-40°C to +70°C
Installation	-10°C to +65°C

Part Numbers and Physical Characteristics

Listing	Part Number ¹	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius		Package
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
OFNR	1D5001x5011	1	0.20 (5.0)	6.7 (10)	100 (450)	30 (132)	2.0 (50)	0.2 (5)	Plywood reel

Single Mode Optical Fiber Types

	TeraFlex® Bend Resistant	
	G.657.A2	G.657.B3
¹ Replace "x" with:	J	L
I/O Jacket Color	Black	