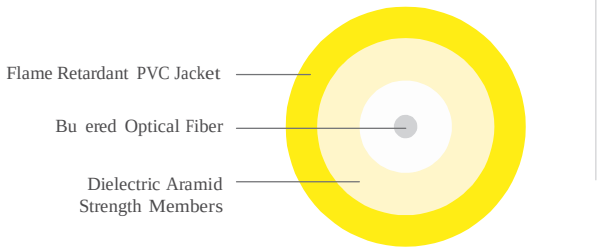
Besten
Wire and Cable Corporation

Compact and rugged indoor MDU

OFNR



Product Description

Both the Compact MDU 3 mm simplex cable and the Rugged Indoor MDU 5 mm simplex cable meet ICEA-730 Draft specification for MDU cables. The 3 mm is ideal for low-stress installations where space is a premium. The 5 mm is more robust and can handle installation tensions as high as 100 pounds. Both cables are 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)
- Horizontal (non-plenum) or riser spaces
- Optical entrance facility to end-user
- Passive optical networks

Features

- ICEA S-115-730-2011 (Draft) and ICEA-596 compliant
- Available with G.657.A2 or G.657.B3 single mode fiber
- 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
- Meets fire safety requirements for MDUs
- No need for length unit conversion

Specifications

Configuration	Simplex 900 micron tight buffered fiber surrounded by aramid yarns and covered by a riser-rated flame retardant jacket
Strength Elements	Dielectric aramid yarns
Jacket	Flame retardant PVC
Performance Compliance	UL 1666 ANSI/ICEA S-83-596 ICEA S-115-730-2011 ANSI/TIA-568-C.3 REACH-compliant RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR

Environmental Specifications

Operation	-20°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 Install lbs (N)	Maximum Tensile Loading Long Term lbs (N)	Minimum Bend Radius Install in (mm)	Minimum Bend Radius Long Term in (mm)	Package
OFNR	1D3001x3011	1	0.11 (2.9)	2.5 (4)	50 (220)	15 (66)	2.0 (50)	0.2 (5)	Plywood reel
OFNR	1D3001x5011	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
Standard Jacket Color*	Yellow	