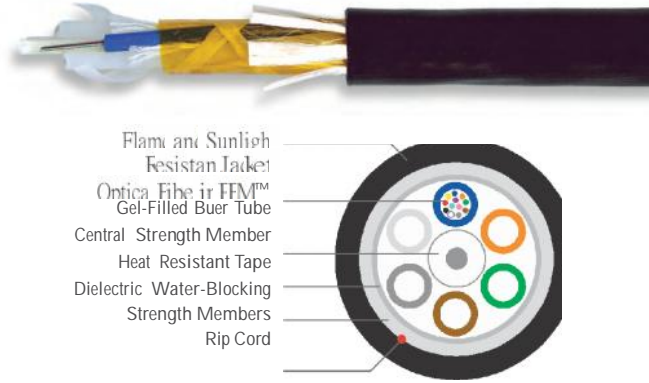


LOOSE TUBE INDOOR/OUTDOOR

OFNR Series 13



Product Description

Loose tube riser cables are ideal for campus environments, private networks and local area networks. These dual purpose cables save money and installation time by allowing a direct transition from indoor to outdoor applications with a single cable. Because these cables are fully water blocked with dry elements, stripping and termination is faster. These cables comply with the standards for both Outside Plant (OSP) and indoor riser applications. The loose tube design offers reliable transmission performance over a broad temperature range. The rugged loose tube design features optical fibers placed inside PFM™ gel-filled buffer tubes. The core is constructed by stranding the buffer tubes around a central member using a reverse oscillating lay (ROL). It is wrapped with flexible strength members, covered with a heat resistant, water-blocking tape and then encased with a black, flame and sunlight resistant jacket. A rip cord is included under the jacket for ease of entry.

Applications

- Underground duct and lashed aerial
- Trunk, distribution and feeder cable
- Local loop, metro, long-haul and broadband network

Features

- Available with up to 288-fiber
- Multiple fiber types including hybrids
- UL Listed, sunlight resistant
- Dielectric outer strength members
- Dry (SAP) core standard
- Standard tube size for all fiber counts
- Transitions from indoor to outdoor to indoor with no termination
- PFM gel

Benefits

- High fiber density
- Multiple network applications
- Longer cable life
- Eliminates grounding or bonding problems
- Reduces cable prep and installation time
- Reduces the number of tools required
- Reduces labor cost
- Non-sticky gel speeds fiber access and clean-up

Specifications

Fiber Count	Available in 6-fiber up to 288-fiber
Performance Compliance	Telcordia GR-20-CORE UL 1666 RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR

Environmental Specifications

Operation/Storage	-40°C to +70°C
Installation	-10°C to +70°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	
					Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)
OFNR	113006xx01	6	0.45 (11.4)	80 (119)	600 (2,700)	200 (890)	9.0 (228)	4.5 (114)
OFNR	113012xx01	12	0.45 (11.4)	80 (119)	600 (2,700)	200 (890)	9.0 (228)	4.5 (114)
OFNR	113024xx01	24	0.45 (11.4)	80 (119)	600 (2,700)	200 (890)	9.0 (228)	4.5 (114)
OFNR	113036xx01	36	0.45 (11.4)	80 (119)	600 (2,700)	200 (890)	9.0 (228)	4.5 (114)
OFNR	113048xx01	48	0.45 (11.4)	80 (119)	600 (2,700)	200 (890)	9.0 (228)	4.5 (114)
OFNR	113072xx01	72	0.48 (12.0)	93 (138)	600 (2,700)	200 (890)	9.6 (240)	4.8 (120)
OFNR	113096xx01	96	0.54 (13.8)	120 (179)	600 (2,700)	200 (890)	10.8 (276)	5.4 (138)
OFNR	113144xx01	144	0.68 (17.1)	184 (275)	600 (2,700)	200 (890)	13.6 (342)	6.8 (171)
OFNR	113216xx01	216	0.68 (17.1)	168 (251)	600 (2,700)	200 (890)	13.6 (342)	6.8 (171)
OFNR	113288xx01	288	0.79 (20.0)	221 (330)	600 (2,700)	200 (890)	15.8 (400)	7.9 (200)

Part Number Key

1	3	—	—	—	x	x	0	—
1	2	3	4	5	6	7	8	9
Product family	Fiber count (006-288)			Fiber type	Internal designator	Water block/markings (1-8)		

Contact Customer Service for availability of non-standard offerings. See "Optical Fiber Cable" options in the "Technical Information" section for flooding and jacket marking options.

Single Mode Optical Fiber Types

	Conventional	Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant			
				G.657.A1	G.657.A2	G.657.B3	NZDS
¹ For ≤ 36 fibers replace "xx" with:	9T	3T	2T	KT	JT	LT	8T
¹ For > 36 fibers replace "xx" with:	91	31	21	K1	J1	L1	81

Multimode Optical Fiber Types

	TeraGain			
	TeraGain®	Laser Optimized	50/125	100/150
'Replace "xx" with:	62/5125	100/150	100/200	100/550

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