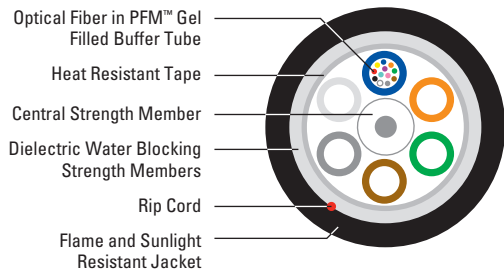
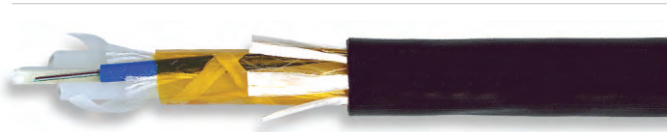


Loose Tube Indoor/Outdoor OFNR

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
Maximum Tensile Loading lbs (N)	Install: 600 (2,700) Long Term: 200 (890)
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 +65°C

Part Numbers and Physical Characteristics

Part Number ¹	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Minimum Bend Radius	
				Install in (mm)	Long Term in (mm)
13006xx01	6	0.48 (12.2)	93 (138)	9.6 (244)	4.8 (122)
13012xx01	12	0.48 (12.2)	93 (138)	9.6 (244)	4.8 (122)
13024xx01	24	0.48 (12.2)	93 (138)	9.6 (244)	4.8 (122)
13036xx01	36	0.48 (12.2)	93 (138)	9.6 (244)	4.8 (122)
13048xx01	48	0.48 (12.2)	93 (138)	9.6 (244)	4.8 (122)
13072xx01	72	0.53 (13.0)	109 (163)	10.6 (269)	5.3 (135)
13096xx01	96	0.59 (15.0)	139 (206)	11.8 (300)	5.9 (150)
13144xx01	144	0.74 (18.7)	215 (320)	14.8 (316)	7.4 (188)
13216xx01	216	0.75 (19.1)	199 (297)	15.0 (381)	7.5 (191)
13288xx01	288	0.84 (21.0)	257 (382)	16.8 (427)	8.4 (213)

Part Number Designators

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/ marking (1-8)

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

Single Mode Optical Fiber

	Conventional	Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant	NZDS
¹ For ≤ 36 fibers replace "xx" with:	9T	3T	2T	KT	8T
¹ For > 36 fibers replace "xx" with:	91	31	21	K1	81

See the "Optical Fiber Selection Chart" in the "TECHNICAL INFO" section for detailed fiber type specifications.

Multimode Optical Fiber

	TeraGain® 62.5/125	TeraGain Laser Optimized 50/125		
		10G/150	10G/300	10G/550
¹ Replace "xx" with:	6G	AG	BG	FG