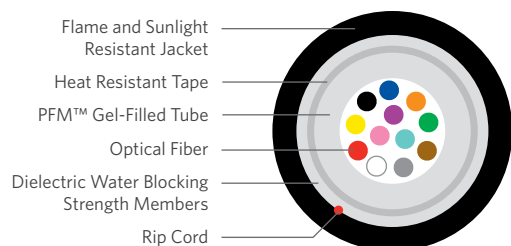


Single Loose Tube Indoor/Outdoor

OFNR Series 53



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. Loose tube cables are the product of choice as the backbone in Outside Plant (OSP) applications. Single Loose tube cables offer a low cost alternative to traditional stranded loose tube cables. The loose tube design offers reliable transmission performance over a broad temperature range. The durable single loose tube design features optical fibers placed inside a single PFM™ gel-filled tube. The core tube includes up to 8-fiber bundles, each containing up to 12 optical fibers bound with a color coded binder. The core tube is then helically wrapped with water-blocking strength members, then encased with a black, flame resistant jacket. A rip cord is included under the jacket to provide ease of access to the core tube.

APPLICATIONS

- UL Listed sunlight resistant indoor/outdoor
- Lashed aerial, duct or riser
- Inter-building connection
- Campus environments

SPECIFICATIONS

Fiber Count	Available in 6-fiber up to 96-fiber
Performance Compliance	Telcordia® GR-20-CORE, Issue 3 UL® 1666 RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNR

Telcordia is a registered trademark of Ericsson Inc. UL is a registered trademark of UL LLC.

ENVIRONMENTAL SPECIFICATIONS

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

PART NUMBER KEY

5	3	—	—	—	x	x	0	y
1	2	3	4	5	6	7	8	9
Product family	Fiber count (006-096)				Fiber type	Internal designator	Water block/ marking (1-8)	

Contact Customer Service for availability of non-standard offerings.

FEATURES

- Available with up to 96-fiber
- Multiple fiber types
- UL Listed, sunlight resistant
- Dielectric outer strength members
- Dry (SAP) core standard
- Highly flexible
- Small cable diameter
- Fewer cable components
- 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
- Easy handling
- Installation of more fibers in less space
- Reduces cost
- Reduces labor cost
- Non-sticky gel speeds fiber access and clean-up

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	53006xx0y	6	0.30 (7.5)	35 (53)	600 (2,700)	200 (890)	6.0 (150)	3.0 (75)
OFNR	53012xx0y	12	0.30 (7.5)	35 (53)	600 (2,700)	200 (890)	6.0 (150)	3.0 (75)
OFNR	53024xx0y	24	0.37 (9.5)	52 (77)	600 (2,700)	200 (890)	7.4 (190)	3.7 (95)
OFNR	53036xx0y	36	0.37 (9.5)	52 (77)	600 (2,700)	200 (890)	7.4 (190)	3.7 (95)
OFNR	53048xx0y	48	0.37 (9.5)	52 (77)	600 (2,700)	200 (890)	7.4 (190)	3.7 (95)
OFNR	53072xx0y	72	0.50 (12.8)	96 (143)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)
OFNR	53096xx0y	96	0.50 (12.8)	96 (143)	600 (2,700)	200 (890)	10.0 (256)	5.0 (128)

FIBER TYPES:

SINGLE MODE

	Reduced Water Peak	Zero Water Peak	TeraFlex® Bend Resistant				NZDS	LEAF
			G.657.A1	G.657.A2	G.657.B3			
¹ Replace "xx" with:	31	21	K1	J1	L1		81	S1

MULTIMODE

	TeraGain® 62.5/125	TeraFlex Bend Resistant Laser Optimized 50/125		
		10G/150	10G/300	10G/550
	6G	MG	NG	PG

See "Optical Fiber Specifications" in the "Technical Info" section for detailed fiber type specifications.

WATER BLOCK AND JACKET PRINT CODES

	Dry core		Dry core special	
	Feet	Meters	Feet	Meters
¹ Replace "y" with:	1	2	5	6