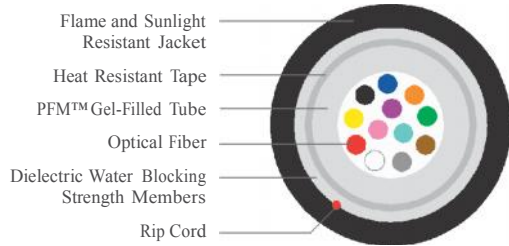


# SINGLE LOOSE TUBE INDOOR/OUTDOOR

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 rugged 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

## 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

## Specifications

Fiber Count	Available in 6-fiber up to 96-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 <sup>1</sup>	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	153006xx01	6	0.30 (7.0)	39 (57)	600 (2,700)	200 (890)	6.0 (152)	3.0 (75)
OFNR	153012xx01	12	0.30 (7.0)	39 (57)	600 (2,700)	200 (890)	6.0 (152)	3.0 (75)
OFNR	153024xx01	24	0.37 (10.0)	57 (85)	600 (2,700)	200 (890)	7.4 (188)	3.7 (94)
OFNR	153036xx01	36	0.37 (10.0)	57 (85)	600 (2,700)	200 (890)	7.4 (188)	3.7 (94)
OFNR	153048xx01	48	0.37 (10.0)	57 (85)	600 (2,700)	200 (890)	7.4 (188)	3.7 (94)
OFNR	153072xx01	72	0.50 (13.0)	106 (157)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)
OFNR	153096xx01	96	0.50 (13.0)	106 (157)	600 (2,700)	200 (890)	10.0 (254)	5.0 (127)

## Part Number Key

5	3	-	-	-	x	x	0	-
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.  
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
<sup>1</sup> Replace "xx" with:	91	31	21	K1	J1	L1	81

## Multimode Optical Fiber Types

TeraGain Laser Optimized 50/125

<sup>1</sup>Replace "xx" with: