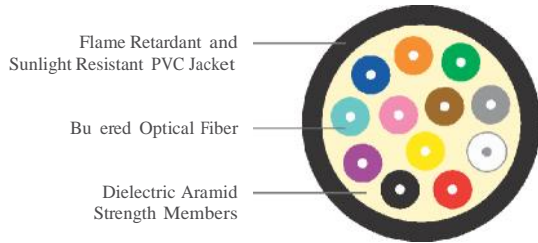


indoor/outdoor Sunlight resistant OFNP



Specifications

2-12 Fiber Single Unit Design Configuration	Flexible tight buffer material extruded over fiber to 900 μm diameter; color coded fibers are combined with dielectric aramid yarns for strength
18-36 Fiber Multi-Unit Design Configuration	6-fiber sub-units are grouped to form core; core consists of sub-units cabled with additional strength members
48-72 Fiber Multi-Unit Design Configuration	12-fiber sub-units are grouped to form core; core consists of sub-units cabled with additional strength members
Jacket	Single unit: Black, flame retardant (FR), sunlight resistant PVC Multi-unit: Black, FR, sunlight resistant PVDF
Performance Compliance	UL 1651 CSA C22.2 No. 232 NFPA 262 Telcordia GR-409-CORE, Issue 1 Telcordia GR-409-CORE, Issue 2 ANSI/CEA S-83-596 RoHS-compliant
NRTL Programs	UL, c(UL) Listed OFNP UL, c(UL) Listed Sunlight Resistant

Environmental Specifications

Operation	-20°C to +75°C
Storage/Shipping	-40°C to +75°C
Installation	-20°C to +65°C

Product Description

Indoor/Outdoor Sunlight Resistant Tight Buffer Plenum optical fiber cables are ideally suited for installations that require partial or complete routing of pathways outside the building. These cables can be installed in inner ducts and steam tunnels, as well as within building riser and plenum locations. The tight buffer feature of these indoor/outdoor cables eliminates the need for breakout kits and/or other special termination equipment associated with loose tube cables. The outer jacket is comprised of a rugged UL Listed sunlight resistant polymer that allows for the cable to be exposed to direct sunlight without the concern of material degradation. The cable is not designed for prolonged submersion in water, therefore it is not recommended for direct buried service nor within buried conduit which can flood. Please consult Technical Support to determine the best cable for your application.

Applications

- Intra-building backbones
- Inter-building backbones, such as conduit pathways or tunnels, that are not subject to flooding or constant water submersion
- Service entrance to communication closets

Features

- Tested and qualified to Telcordia GR-409-CORE
- Exceeds ANSI/TIA-568-C.3 optical performance
- 900 μm tight buffered fibers
- Black, UL Listed sunlight resistant outer jacket
- -20 °C Low Temperature Performance
- OFNP weather resistant, indoor/outdoor design
- All dielectric
- Jacket rip cord

Benefits

- Assurance that cable investment will last
- Future-proof fiber performance for current and future networking applications
- Connect directly to mechanical connectors
- Long periods of direct sunlight exposure will not damage cable
- Allows operation at low temperatures
- Eliminates the need to purchase separate cables for plenum indoor/outdoor applications
- No additional grounding materials need to be purchased
- Saves time in cable preparation

Indoor/Outdoor Sunlight Resistant OFNP

Part Numbers and Physical Characteristics

Listing	Part Number ¹	Configuration	Fiber Type	Fiber Count	Nominal Diameter in (mm)	Nominal Weight lbs/kft (kg/km)	Maximum Tensile Loading		Minimum Bend Radius		Package
							Install lbs (N)	Long Term lbs (N)	Install in (mm)	Long Term in (mm)	
OFNP	124002x101	Single Unit	Single mode	2	0.17 (4.2)	13 (19)	150 (670)	45 (200)	2.5 (63)	1.7 (42)	Plywood reel
OFNP	124004x101	Single Unit	Single mode	4	0.17 (4.2)	14 (21)	150 (670)	45 (200)	2.5 (63)	1.7 (42)	Plywood reel
OFNP	124006x101	Single Unit	Single mode	6	0.19 (4.9)	17 (25)	150 (670)	45 (200)	2.9 (73)	1.9 (49)	Plywood reel
OFNP	124008x101	Single Unit	Single mode	8	0.21 (5.4)	19 (28)	150 (670)	45 (200)	3.2 (81)	2.1 (54)	Plywood reel
OFNP	124012x101	Single Unit	Single mode	12	0.25 (6.2)	24 (35)	150 (670)	45 (200)	3.7 (93)	2.5 (62)	Plywood reel
OFNP	124024xK01	Single Unit	Single mode	24	0.31 (7.8)	42 (62)	150 (660)	45 (200)	4.6 (117)	3.1 (78)	Plywood reel
OFNP	124018x101	Multi-Unit	Single mode	18	0.54 (13.8)	117 (175)	600 (2,700)	180 (800)	8.1 (206)	5.4 (138)	Plywood reel
OFNP	124024x101	Multi-Unit	Single mode	24	0.57 (14.6)	141 (211)	600 (2,700)	180 (800)	8.6 (219)	5.7 (146)	Plywood reel
OFNP	124030x101	Multi-Unit	Single mode	30	0.63 (16.0)	174 (259)	600 (2,700)	180 (800)	9.4 (240)	6.3 (160)	Plywood reel
OFNP	124036x101	Multi-Unit	Single mode	36	0.69 (17.4)	206 (307)	600 (2,700)	180 (800)	10.3 (261)	6.9 (174)	Plywood reel
OFNP	124048x101	Multi-Unit	Single mode	48	0.67 (17.1)	184 (275)	600 (2,700)	180 (800)	10.1 (257)	6.7 (171)	Plywood reel
OFNP	124060x101	Multi-Unit	Single mode	60	0.74 (18.9)	231 (344)	600 (2,700)	180 (800)	11.1 (283)	7.4 (189)	Plywood reel
OFNP	124072x101	Multi-Unit	Single mode	72	0.81 (20.6)	277 (413)	600 (2,700)	180 (800)	12.2 (309)	8.1 (206)	Plywood reel
OFNP	124002xG01	Single Unit	Multimode	2	0.17 (4.2)	13 (19)	150 (670)	45 (200)	2.5 (63)	1.7 (42)	Plywood reel
OFNP	124004xG01	Single Unit	Multimode	4	0.17 (4.2)	14 (21)	150 (670)	45 (200)	2.5 (63)	1.7 (42)	Plywood reel
OFNP	124006xG01	Single Unit	Multimode	6	0.19 (4.9)	17 (25)	150 (670)	45 (200)	2.9 (73)	1.9 (49)	Plywood reel
OFNP	124008xG01	Single Unit	Multimode	8	0.21 (5.4)	19 (28)	150 (670)	45 (200)	3.2 (81)	2.1 (54)	Plywood reel
OFNP	124012xG01	Single Unit	Multimode	12	0.25 (6.2)	24 (35)	150 (670)	45 (200)	3.7 (93)	2.5 (62)	Plywood reel
OFNP	124024xK01	Single Unit	Multimode	24	0.31 (7.8)	42 (62)	150 (660)	45 (200)	4.6 (117)	3.1 (78)	Plywood reel
OFNP	124018xG01	Multi-Unit	Multimode	18	0.54 (13.8)	117 (175)	600 (2,700)	180 (800)	8.1 (206)	5.4 (138)	Plywood reel
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	TeraFlex® Bend Resistant		
	G.657.A1	G.657.A2	G.657.B3
¹ Replace "x" with:	K	J	L
I/O Jacket Color	Black		

	TeraGain						
	TeraGain® 62.5/125	Laser Optimized 50/125			Laser Optimized 50/125		
		10G/150	10G/300	10G/550	10G/150	10G/300	10G/550
¹ Replace "x" with:	6	A	B	F	M	N	P
I/O Jacket Color	Black						