Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)
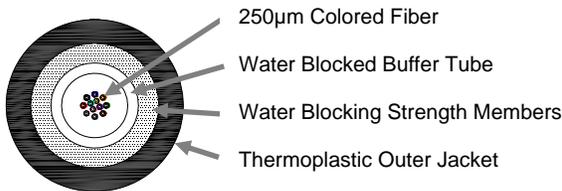
250μm Colored Fiber

Gel Filled Buffer Tube

Water Blocking Strength Members

Thermoplastic Outer Jacket

**Central Tube Gel Filled
4-12 Fiber**

Gel Filled Buffer Tube

Central Strength Member

Ripcord

Water Blocking Strength Members

Outer Jacket
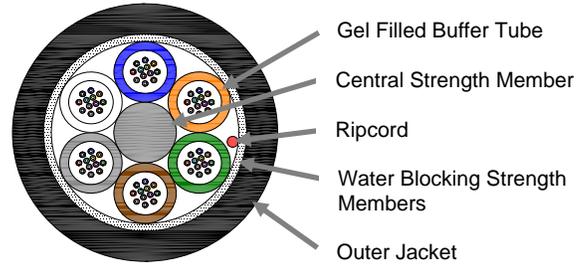
**Multi-Tube Gel Filled
24-144 Fiber**

The number of tubes changes depending on fiber count.

250μm Colored Fiber

Water Blocked Buffer Tube

Water Blocking Strength Members

Thermoplastic Outer Jacket

**Central Tube Dry (Gel Free)
6-12 Fiber**

Water Blocked Buffer Tube

Central Strength Member

Ripcord

Water Blocking Strength Members

Outer Jacket
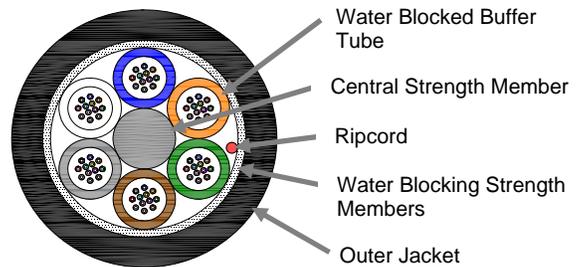
**Multi-Tube Dry (Gel Free)
24-144 Fiber**

The number of tubes changes depending on fiber count.

Description:

AMP NETCONNECT indoor/outdoor cables are designed to save space and time and simplify fiber storage and management by bypassing the need for a transition point and splicing when entering buildings. Indoor/Outdoor cables can be used in properly installed conduit between buildings and go directly into the building riser spaces (or plenum spaces if a plenum version is used). The cables consist of 250μm inked fibers encased in color coded buffer tubes with either water-barrier gel filling compound or dry (gel free) water blocking technology. Central tube designs (4 to 12 fibers) include a single tube surrounded by water blocking strength members and a flexible thermoplastic outer jacket. Stranded tube designs (24 to 144 fibers) include multiple tubes stranded around a central strength member, then covered by water blocking strength members and a flexible thermoplastic outer jacket. The cables are available in Riser and Plenum constructions with single-mode OS2, 62.5/125 μm OM1, 50/125 μm OM2, 50/125 μm OM3, or 50/125 μm OM4 fiber. Black is the standard jacket color, and is necessary for sunlight resistance. All of the other colors should be installed in conduit.

Standards Compliance:

AMP NETCONNECT Indoor/Outdoor cables are designed and tested to conform to the fiber and cable performance requirements of TIA 568, ISO 11801, Telcordia GR-409-CORE and ICEA-696 Standards.   All cables have UL or ETL fire safety listings to either OFNR (UL-1666/CSA FT-4) or OFNP (NFPA-262/UL 910/CSA FT-6).

Cable Print:

Cables will be marked every two feet with:

AMP NETCONNECT OPTICAL CABLE I/O *<fiber count>*   *<fiber type>*   *<flame rating>*   MM/YY   *<shop order number>*   XXXXX FEET

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Indoor/Outdoor Dry Part Numbers:

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color		Part Number
6	1 X 6	Riser	62.5/125 µm OM1	Black	■	6-1553342-1
				Orange	■	1-1553342-1
			50/125 µm OM2	Black	■	6-1553342-2
				Orange	■	1-1553342-2
			50/125 µm OM3	Black	■	6-1553342-4
				Aqua	■	3-1553342-9
			50/125 µm OM4	Black	■	6-1553342-5
				Aqua	■	4-1553342-9
			Single-mode OS2	Black	■	6-1553342-3
				Yellow	■	7-1553342-3
		Plenum	62.5/125 µm OM1	Black	■	6-1553343-1
				Orange	■	1-1553343-1
			50/125 µm OM2	Black	■	6-1553343-2
				Orange	■	1-1553343-2
			50/125 µm OM3	Black	■	6-1553343-4
				Aqua	■	3-1553343-9
			50/125 µm OM4	Black	■	6-1553343-5
				Aqua	■	4-1553343-9
			Single-mode OS2	Black	■	6-1553343-3
				Yellow	■	7-1553343-3
8	1 X 8	Riser	62.5/125 µm OM1	Black	■	6-1553344-1
				Orange	■	1-1553344-1
			50/125 µm OM2	Black	■	6-1553344-2
				Orange	■	1-1553344-2
			50/125 µm OM3	Black	■	6-1553344-4
				Aqua	■	3-1553344-9
			50/125 µm OM4	Black	■	6-1553344-5
				Aqua	■	4-1553344-9
			Single-mode OS2	Black	■	6-1553344-3
				Yellow	■	7-1553344-3
		Plenum	62.5/125 µm OM1	Black	■	6-1553345-1
				Orange	■	1-1553345-1
			50/125 µm OM2	Black	■	6-1553345-2
				Orange	■	1-1553345-2
			50/125 µm OM3	Black	■	6-1553345-4
				Aqua	■	3-1553345-9
			50/125 µm OM4	Black	■	6-1553345-5
				Aqua	■	4-1553345-9
			Single-mode OS2	Black	■	6-1553345-3
				Yellow	■	7-1553345-3
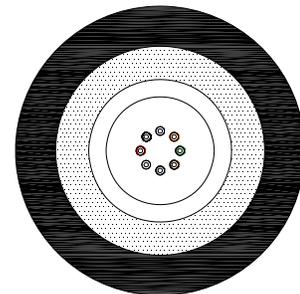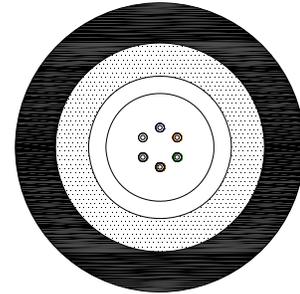
Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color	Part Number
12	1 X12	Riser	62.5/125 µm OM1	Black	6-1553346-1
				Orange	1-1553346-1
			50/125 µm OM2	Black	6-1553346-2
				Orange	1-1553346-2
			50/125 µm OM3	Black	6-1553346-4
				Aqua	3-1553346-9
			50/125 µm OM4	Black	6-1553346-5
				Aqua	4-1553346-9
			Single-mode OS2	Black	6-1553346-3
				Yellow	7-1553346-3
		Plenum	62.5/125 µm OM1	Black	6-1553347-1
				Orange	1-1553347-1
			50/125 µm OM2	Black	6-1553347-2
				Orange	1-1553347-2
			50/125 µm OM3	Black	6-1553347-4
				Aqua	3-1553347-9
			50/125 µm OM4	Black	6-1553347-5
				Aqua	4-1553347-9
			Single-mode OS2	Black	6-1553347-3
				Yellow	7-1553347-3
24	2 X12 with 3 Fillers	Riser	62.5/125 µm OM1	Black	6-1553348-1
				Orange	1-1553348-1
			50/125 µm OM2	Black	6-1553348-2
				Orange	1-1553348-2
			50/125 µm OM3	Black	6-1553348-4
				Aqua	3-1553348-9
			50/125 µm OM4	Black	6-1553348-5
				Aqua	4-1553348-9
			Single-mode OS2	Black	6-1553348-3
				Yellow	7-1553348-3
		Plenum	62.5/125 µm OM1	Black	6-1553349-1
				Orange	1-1553349-1
			50/125 µm OM2	Black	6-1553349-2
				Orange	1-1553349-2
			50/125 µm OM3	Black	6-1553349-4
				Aqua	3-1553349-9
			50/125 µm OM4	Black	6-1553349-5
				Aqua	4-1553349-9
			Single-mode OS2	Black	6-1553349-3
				Yellow	7-1553349-3
36	3 X12 with 2 Fillers	Riser	62.5/125 µm OM1	Black	6-1553350-1
				Orange	1-1553350-1
			50/125 µm OM2	Black	6-1553350-2
				Orange	1-1553350-2
			50/125 µm OM3	Black	6-1553350-4
				Aqua	3-1553350-9
			50/125 µm OM4	Black	6-1553350-5
				Aqua	4-1553350-9
			Single-mode OS2	Black	6-1553350-3
				Yellow	7-1553350-3
		Plenum	62.5/125 µm OM1	Black	6-1553351-1
				Orange	1-1553351-1
			50/125 µm OM2	Black	6-1553351-2
				Orange	1-1553351-2
			50/125 µm OM3	Black	6-1553351-4
				Aqua	3-1553351-9
			50/125 µm OM4	Black	6-1553351-5
				Aqua	4-1553351-9
			Single-mode OS2	Black	6-1553351-3
				Yellow	7-1553351-3
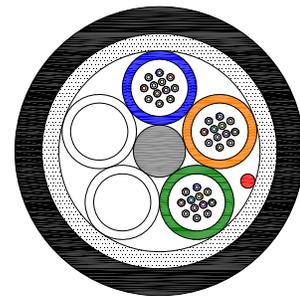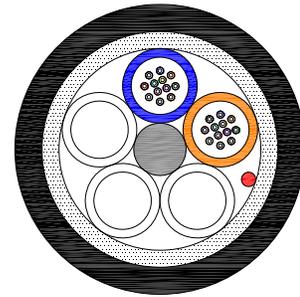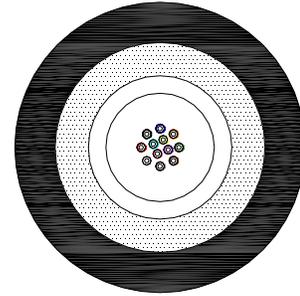
Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color		Part Number	
48	4 X12 With 1 Filler	Riser	62.5/125 µm OM1	Black		6-1553352-1	
				Orange		1-1553352-1	
			50/125 µm OM2	Black		6-1553352-2	
				Orange		1-1553352-2	
			50/125 µm OM3	Black		6-1553352-4	
				Aqua		3-1553352-9	
			50/125 µm OM4	Black		6-1553352-5	
				Aqua		4-1553352-9	
			Single-mode OS2	Black		6-1553352-3	
				Yellow		7-1553352-3	
		Plenum	62.5/125 µm OM1	Black		6-1553353-1	
				Orange		1-1553353-1	
			50/125 µm OM2	Black		6-1553353-2	
				Orange		1-1553353-2	
			50/125 µm OM3	Black		6-1553353-4	
				Aqua		3-1553353-9	
			50/125 µm OM4	Black		6-1553353-5	
				Aqua		4-1553353-9	
			Single-mode OS2	Black		6-1553353-3	
				Yellow		7-1553353-3	
60	5 X 12	Riser	Single-mode OS2	Black		6-2111526-3	
72	6 X12	Riser	62.5/125 µm OM1	Black		6-1553354-1	
				Orange		1-1553354-1	
			50/125 µm OM2	Black		6-1553354-2	
				Orange		1-1553354-2	
			50/125 µm OM3	Black		6-1553354-4	
				Aqua		3-1553354-9	
			50/125 µm OM4	Black		6-1553354-5	
				Aqua		4-1553354-9	
			Single-mode OS2	Black		6-1553354-3	
				Yellow		7-1553354-3	
		Plenum	62.5/125 µm OM1	Black		6-1553355-1	
				Orange		1-1553355-1	
			50/125 µm OM2	Black		6-1553355-2	
				Orange		1-1553355-2	
			50/125 µm OM3	Black		6-1553355-4	
				Aqua		3-1553355-9	
			50/125 µm OM4	Black		6-1553355-5	
				Aqua		4-1553355-9	
			Single-mode OS2	Black		6-1553355-3	
				Yellow		7-1553355-3	
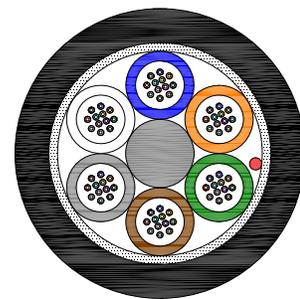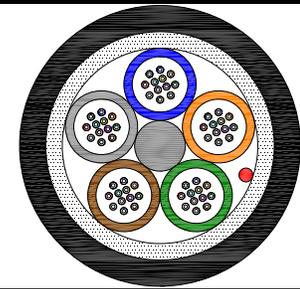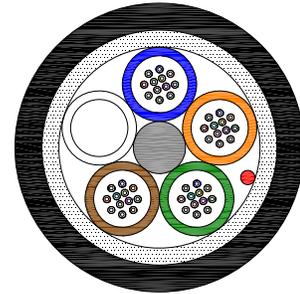
Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color		Part Number
96	8 X12	Riser	62.5/125 µm OM1	Black		6-1553356-1
				Orange		1-1553356-1
			50/125 µm OM2	Black		6-1553356-2
				Orange		1-1553356-2
			50/125 µm OM3	Black		6-1553356-4
				Aqua		3-1553356-9
			50/125 µm OM4	Black		6-1553356-5
				Aqua		4-1553356-9
			Single-mode OS2	Black		6-1553356-3
				Yellow		7-1553356-3
		Plenum	62.5/125 µm OM1	Black		6-1553357-1
				Orange		1-1553357-1
			50/125 µm OM2	Black		6-1553357-2
				Orange		1-1553357-2
			50/125 µm OM3	Black		6-1553357-4
				Aqua		3-1553357-9
			50/125 µm OM4	Black		6-1553357-5
				Aqua		4-1553357-9
			Single-mode OS2	Black		6-1553357-3
			Single-mode OS1	Yellow		7-1553326-3
144	12 X12	Riser	62.5/125 µm OM1	Black		6-1553358-1
				Orange		1-1553358-1
			50/125 µm OM2	Black		6-1553358-2
				Orange		1-1553358-2
			50/125 µm OM3	Black		6-1553358-4
				Aqua		3-1553358-9
			50/125 µm OM4	Black		6-1553358-5
				Aqua		4-1553358-9
			Single-mode OS2	Black		6-1553358-3
				Yellow		7-1553358-3
		Plenum	62.5/125 µm OM1	Black		6-1553359-1
				Orange		1-1553359-1
			50/125 µm OM2	Black		6-1553359-2
				Orange		1-1553359-2
			50/125 µm OM3	Black		6-1553359-4
				Aqua		3-1553359-9
			50/125 µm OM4	Black		6-1553359-5
				Aqua		4-1553359-9
			Single-mode OS2	Black		6-1553359-3
				Yellow		7-1553326-3
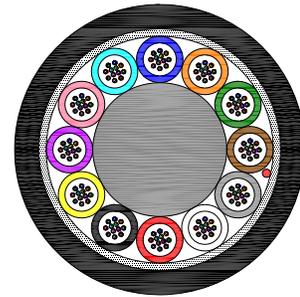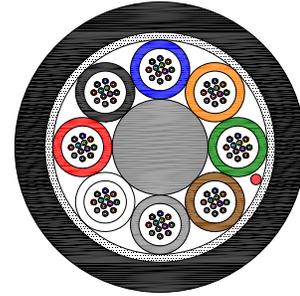
Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Indoor/Outdoor Gel Part Numbers:

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color		Part Number	
4	1 X 4	Riser	62.5/125 µm OM1	Black	■	6-1553372-1	
			50/125 µm OM2	Black	■	6-1553372-2	
				Orange	■	1-1553372-2	
			50/125 µm OM3	Black	■	6-1553372-4	
			50/125 µm OM4	Black	■	6-1553372-5	
			Single-mode OS2	Black	■	6-1553372-3	
6	1 X 6	Riser	62.5/125 µm OM1	Black	■	6-1553374-1	
			50/125 µm OM2	Black	■	6-1553374-2	
			50/125 µm OM3	Black	■	6-1553374-4	
			50/125 µm OM4	Black	■	6-1553374-5	
			Single-mode OS2	Black	■	6-1553374-3	
				Yellow	■	7-1553374-3	
8	1 X 8	Riser	62.5/125 µm OM1	Black	■	6-1553376-1	
			50/125 µm OM2	Black	■	6-1553376-2	
			50/125 µm OM3	Black	■	6-1553376-4	
				Orange	■	1-1553376-4	
			50/125 µm OM4	Black	■	6-1553376-5	
			Single-mode OS2	Black	■	6-1553376-3	
				Yellow	■	7-1553376-3	
12	1 X12	Riser	62.5/125 µm OM1	Black	■	6-1553378-1	
			50/125 µm OM2	Black	■	6-1553378-2	
				Orange	■	1-1553378-2	
			50/125 µm OM3	Black	■	6-1553378-4	
			50/125 µm OM4	Black	■	6-1553378-5	
			Single-mode OS2	Black	■	6-1553378-3	
				Yellow	■	7-1553378-3	
24	2 X12 with 3 Fillers	Riser	62.5/125 µm OM1	Black	■	6-1553380-1	
				Orange	■	1-1553380-1	
			50/125 µm OM2	Black	■	6-1553380-2	
				Orange	■	1-1553380-2	
			50/125 µm OM3	Black	■	6-1553380-4	
			50/125 µm OM4	Black	■	6-1553380-5	
			Single-mode OS2	Black	■	6-1553380-3	
				Yellow	■	7-1553380-3	
36	3 X12 with 2 Fillers	Riser	62.5/125 µm OM1	Black	■	6-1553381-1	
			50/125 µm OM2	Black	■	6-1553381-2	
			50/125 µm OM3	Black	■	6-1553381-4	
				Orange	■	1-1553381-4	
			50/125 µm OM4	Black	■	6-1553381-5	
			Single-mode OS2	Black	■	6-1553381-3	
				Yellow	■	7-1553381-3	
48	4 X12 With 1 Filler	Riser	62.5/125 µm OM1	Black	■	6-1553382-1	
			50/125 µm OM2	Black	■	6-1553382-2	
			50/125 µm OM3	Black	■	6-1553382-4	
				Orange	■	1-1553382-4	
			50/125 µm OM4	Black	■	6-1553382-5	
			Single-mode OS2	Black	■	6-1553382-3	
				Yellow	■	7-1553382-3	
72	6 X12	Riser	62.5/125 µm OM1	Black	■	6-1553383-1	
			50/125 µm OM2	Black	■	6-1553383-2	
				Orange	■	1-1553383-2	
			50/125 µm OM3	Black	■	6-1553383-4	
				Orange	■	1-1553383-4	
			50/125 µm OM4	Black	■	6-1553383-5	
			Single-mode OS2	Black	■	6-1553383-3	
				Yellow	■	7-1553383-3	

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Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Fiber Count	Units X Fibers/Unit	Flame Rating	Fiber Type	Jacket Color		Part Number
96	8 X12	Riser	62.5/125 µm OM1	Black	⬛	6-1553384-1
			50/125 µm OM2	Black	⬛	6-1553384-2
				Orange	🟧	1-1553384-2
			50/125 µm OM3	Black	⬛	6-1553384-4
				Orange	🟧	1-1553384-4
			50/125 µm OM4	Black	⬛	6-1553384-5
			Single-mode OS2	Black	⬛	6-1553384-3
				Yellow	🟨	7-1553384-3
144	12 X12	Riser	62.5/125 µm OM1	Black	⬛	6-1553385-1
				Orange	🟧	1-1553385-1
			50/125 µm OM2	Black	⬛	6-1553385-2
			50/125 µm OM3	Black	⬛	6-1553385-4
				Orange	🟧	1-1553385-4
			50/125 µm OM4	Black	⬛	6-1553385-5
			Single-mode OS2	Black	⬛	6-1553385-3

Hybrid Indoor/Outdoor Cables:

Fiber Count	Type of Water Blocking	Units X Fibers/Unit	Flame Rating	Number Of Fibers	Fiber Type	Outer Jacket Color	Part Number
12	Gel	1 X 12	Riser	6	Single-mode OS1	Black	4-1664104-5
				6	62.5/125 µm OM1		
24	Gel	2 X 12 with 3 Fillers	Riser	12	Single-mode OS1	Black	4-1664123-5
				12	62.5/125 µm OM1		
36	Gel	2 X 12 with 3 Fillers	Riser	12	Single-mode OS1	Black	4-1664124-5
				24	62.5/125 µm OM1		
72	Gel	6 X 12	Riser	24	Single-mode OS1	Black	4-1664125-5
				48	62.5/125 µm OM1		

Note: Hybrid cables are constructed in order of core size from smallest to largest (single-mode fibers taking the first positions, followed by multimode).

Fiber Optic Indoor/Outdoor Cables (4 - 144 Fibers)

Performance Specifications:

AMP NETCONNECT indoor/outdoor cables are designed and tested in accordance with TIA 568, ISO 11801, ICEA 696, Telcordia GR-409-CORE and UL 1666/901. Performance specifications are measured in accordance with the Fiber Optic Test Procedures (EIA/TIA-455 documents) and the test procedures of IEC 60793 and IEC 60794.

Indoor/Outdoor Gel Mechanical Specifications:

Fiber Count (units x fibers/unit)	Flame Rating	O.D. mm (in)	Sub Unit O.D. mm (in)	Minimum Bend Radius		Nominal Weight kg/km (lbs/1000ft)	Rated Tensile Load	
				Install mm (in)	Long Term mm (in)		Install N (lbf)	Long Term N (lbf)
4 (1x4)	OFNR	8.5±0.3 (0.33±0.01)	4.1±0.2 (0.16±0.01)	170 (6.7)	85 (3.3)	75 (50)	1335 (300)	400 (90)
6 (1x6)	OFNR	8.5±0.3 (0.33±0.01)	4.1±0.2 (0.16±0.01)	170 (6.7)	85 (3.3)	75 (50)	1335 (300)	400 (90)
8 (1x8)	OFNR	8.5±0.3 (0.33±0.01)	4.1±0.2 (0.16±0.01)	170 (6.7)	85 (3.3)	75 (50)	1335 (300)	400 (90)
12 (1x12)	OFNR	8.5±0.3 (0.33±0.01)	4.1±0.2 (0.16±0.01)	170 (6.7)	85 (3.3)	75 (50)	1335 (300)	400 (90)
24 (2x12 w/3 fillers)	OFNR	12.9±0.6 (0.51±0.02)	2.8±0.2 (0.11±0.01)	258 (10.2)	129 (5.1)	164 (110)	2670 (600)	890 (200)
36 (3x12 w/2 fillers)	OFNR	12.9±0.6 (0.51±0.02)	2.8±0.2 (0.11±0.01)	258 (10.2)	129 (5.1)	164 (110)	2670 (600)	890 (200)
48 (4x12 w/ 1 filler)	OFNR	12.9±0.6 (0.51±0.02)	2.8±0.2 (0.11±0.01)	258 (10.2)	129 (5.1)	164 (110)	2670 (600)	890 (200)
72 (6x12)	OFNR	13.7±0.5 (0.54±0.02)	2.7±0.2 (0.11±0.01)	274 (10.8)	137 (5.4)	190 (128)	2670 (600)	890 (200)
96 (8x12)	OFNR	15.5±0.5 (0.61±0.02)	2.7±0.2 (0.11±0.01)	310 (12.2)	155 (6.1)	220 (148)	2670 (600)	890 (200)
144 (12x12)	OFNR	19.3±0.5 (0.76±0.02)	2.7±0.2 (0.11±0.01)	386 (15.2)	193 (7.6)	291 (196)	2670 (600)	890 (200)

Indoor/Outdoor Dry Mechanical Specifications:

Fiber Count (units x fibers/unit)	Flame Rating	O.D. mm (in)	Sub Unit O.D. mm (in)	Minimum Bend Radius		Nominal Weight kg/km (lbs/1000ft)	Rated Tensile Load	
				Install mm (in)	Long Term mm (in)		Install N (lbf)	Long Term N (lbf)
6 (1x6)	OFNR	7.3±1.3 (0.29±0.05)	3.4±0.9 (0.13±0.03)	150 (6)	75 (3)	60 (40)	1335 (300)	400 (90)
	OFNP	7.0±0.9 (0.28±0.04)	3.4±0.9 (0.13±0.03)	150 (5.6)	71 (2.8)	53 (36)	1335 (300)	400 (90)
8 (1x8)	OFNR	7.3±1.3 (0.29±0.05)	3.4±0.9 (0.13±0.03)	150 (6)	75 (3)	60 (40)	1335 (300)	400 (90)
	OFNP	7.0±0.9 (0.28±0.04)	3.4±0.9 (0.13±0.03)	150 (5.6)	71 (2.8)	53 (36)	1335 (300)	400 (90)
12 (1x12)	OFNR	7.3±1.3 (0.29±0.05)	3.4±0.9 (0.13±0.03)	150 (6)	75 (3)	60 (40)	1335 (300)	400 (90)
	OFNP	7.0±0.9 (0.28±0.04)	3.4±0.9 (0.13±0.03)	150 (5.6)	71 (2.8)	53 (36)	1335 (300)	400 (90)
24 (2x12 w/3 fillers)	OFNR	10.4±1.4 (0.41±0.05)	2.8±0.4 (0.11±0.02)	210 (8)	110 (4)	101 (68)	2670 (600)	890 (200)
	OFNP	10.6±0.5 (0.42±0.02)	2.7±0.2 (0.11±0.01)	190 (7)	90 (4)	82 (55)	2670 (600)	890 (200)
36 (3x12 w/2 fillers)	OFNR	10.4±1.4 (0.41±0.05)	2.8±0.4 (0.11±0.02)	210 (8)	110 (4)	101 (68)	2670 (600)	890 (200)
	OFNP	10.6±0.5 (0.42±0.02)	2.7±0.2 (0.11±0.01)	190 (7)	90 (4)	82 (55)	2670 (600)	890 (200)
48 (4x12 w/ 1 filler)	OFNR	10.4±1.4 (0.41±0.05)	2.8±0.4 (0.11±0.02)	210 (8)	110 (4)	101 (68)	2670 (600)	890 (200)
	OFNP	10.6±0.5 (0.42±0.02)	2.7±0.2 (0.11±0.01)	190 (7)	90 (4)	82 (55)	2670 (600)	890 (200)
60 (5x12)	OFNR	10.4±1.4 (0.41±0.05)	2.8±0.4 (0.11±0.02)	210 (8)	110 (4)	101 (68)	2670 (600)	890 (200)
72 (6x12)	OFNR	12.1±0.7 (0.48±0.03)	3.0±0.2 (0.12±0.01)	230 (9)	119 (4.7)	112 (75)	2670 (600)	890 (200)
	OFNP	11.6±0.7 (0.45±0.03)	2.9±0.3 (0.11±0.01)	200 (8)	117 (4.6)	101 (68)	2670 (600)	890 (200)
96 (8x12)	OFNR	14.3±1.1 (0.56±0.04)	3.0±0.2 (0.12±0.01)	270 (11)	137 (5.4)	162 (109)	2670 (600)	890 (200)
	OFNP	13.2±0.8 (0.52±0.03)	2.9±0.3 (0.11±0.01)	240 (10)	135 (5.3)	175 (118)	2670 (600)	890 (200)
144 (12x12)	OFNR	18.3±1.0 (0.72±0.04)	3.0±0.2 (0.12±0.01)	340 (13)	178 (7)	255 (171)	2670 (600)	890 (200)
	OFNP	17.4±0.9 (0.68±0.03)	2.9±0.3 (0.11±0.01)	300 (12)	170 (6.7)	300 (202)	2670 (600)	890 (200)

Performance Characteristics:

	62.5/125 µm OM1 (850nm/1300nm)	50/125 µm OM2 (850nm/1300nm)	50/125 µm OM3 (850nm/1300nm)	50/125 µm OM4 (850nm/1300nm)	Single-mode OS2 (1310nm/1550nm)
Maximum Attenuation	3.5/1.2 dB/km	3.5/1.5 dB/km	3.2/1.2 dB/km	3.2/1.2 dB/km	0.4/0.3dB/km
OFL Bandwidth	200/500 MHz·km	500/500 MHz·km	1500/500 MHz·km	3500/500 MHz·km	Not Applicable
850nm Effective Modal Bandwidth	Not Applicable	Not Applicable	2000 MHz·km	4700 MHz·km	Not Applicable
10 Gigabit Ethernet at 850nm Maximum Distance	33m	82m	300m	550m	Not Applicable
Fiber Specification	TIA-492AAAA IEC 60793-2-10 A1b	TIA-492AAAB IEC 60793-2-10 A1a.1	TIA-492AAAC IEC 60793-2-10 A1a.2	TIA-492AAAD IEC 60793-2-10 A1a.3	TIA-492CAAB ITU-T G.652.D IEC 60793-2-50 B1.3

Temperature Ratings:

Operation	Installation	Storage/Shipping
-40°C to +70°C (-40°F to +158°F)	-10°C to +60°C (14°F to +140°F)	-40°C to +70°C (-40°F to +158°F)

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