

# Indoor/Outdoor Specs (Plenum (OFNP) or Riser (OFNR))

## Features and Benefits

- 900µm Tight Buffers
- Water blocking aramid yarn strength members
- Exclusive use of Corning® optical fibers
- Jacket print ensures product identification and fiber compatibility
- Durable jacket offers added protection during installation and in rugged use applications

**\*Jacket Color will be Orange, Aqua, Yellow or Black Depending on Choice Made on Product Dropdown.**

## Description

Our Indoor/ Outdoor Cable is composed of 2 to 24 colored tight buffered optical fibers, water blocking aramid yarn, and a UV resistant PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

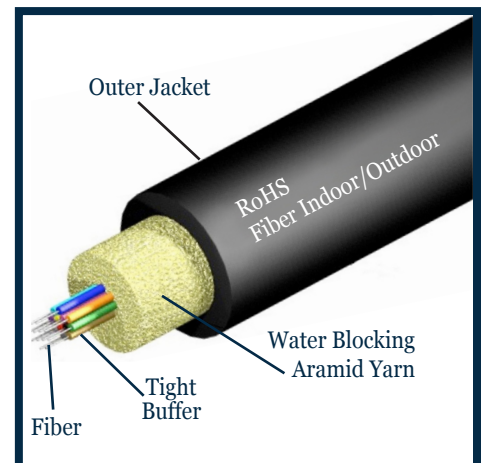
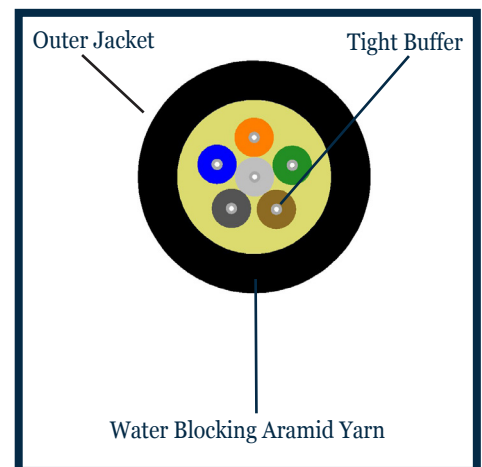
Our indoor/outdoor Cable is UL Listed and surface print denotes construction, NEC rating, fiber type, and includes footage markers.

## Application

Plenum or Riser  
\*Depending on  
Choice made  
Duct  
Indoor/Outdoor

## Flame Rating

NFPA262 -Plenum  
UL1666 - Riser



# SPECIFICATIONS

<b>Temperature Range</b>	Indoor
Storage Temperature	-40 C to +70 C
Operating Temperature	-40 C to +70 C

<b>Cable Characteristics</b>	
Fiber Count	2, 4, 6, 8, 12, 24
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Carbon Black or Orange for OM1, Aqua for OM3&4, and Yellow for Singlemode
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC
Tight Buffer Color	Available in 12 TIA/ EIA color standard

<b>Physical Characteristics</b>	Value (2/ 4/ 6/ 8/ 12/ 24 fiber count)
Nominal Outer Diameter (mm)	4.4/ 4.4/ 4.8/ 5.8o/ 5.8/ 7.8
Weight (lbs/ km)	44/ 48/ 57/ 73/ 81/ 138
Minimum Bend Radius, Installation (cm)	6.6/ 6.6/ 7.2/ 8.7/ 8.7/ 11.7
Minimum Bend Radius, Operation (cm)	4.4/ 4.4/ 4.8/ 5.8/ 5.8/ 7.8

<b>Optical Characteristics</b>						
Items	Single Mode	OM1	OM2	OM3	OM4 (OM4+)	OM5 (WB MMF)
Core Size [μm]	9	62.5	50	50	50	50
Wavelength [nm]	1310/ 1550	850/ 1300	850/1300	850/ 1300	850/ 1300	850/ 1300
Max. Attenuation[dB/km]	0.5/ 0.4	3.5/ 1.5	3.5/1.5	3.0/ 1.0	3.0/ 1.0	3.0/ 1.0
Link Length[m]	10,000/5,000 (1/10Gb/s@1550nm)	300 (1Gb/s@850nm)	150 (10Gb/s@850nm)	300 (10Gb/s@850nm)	550(600) (10Gb/s@850nm)	550 (10Gb/s@850nm)
Bandwidth (EMB High Performance)[MHz.km]	—	220 @850	750@850	2,000 @850	4,700 @850	4,700@850

<b>Fiber Type (9/125)</b>	**	<b>Fiber Type (50/125)</b>	**	<b>Fiber Type (62.5/125)</b>	**
SMF-28 Ultra	CZ	ClearCurve OM2	C2	InfiniCor 300	C3
ClearCurve LBL	C7	Clear Curve OM3	CG		
ClearCurve ZBL	CC	ClearCurve OM4	C4		
		ClearCurve OM5	C5		