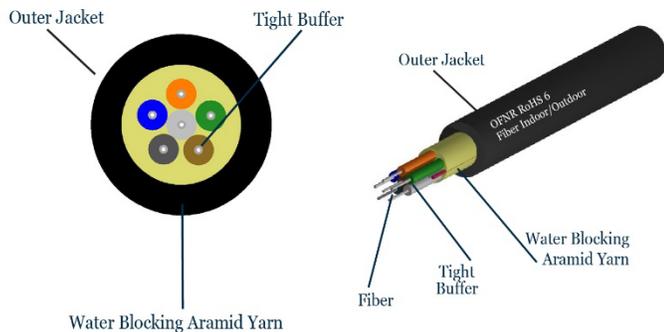


Indoor Outdoor OFNR 900µm Tight Buffers



Features

- 900µm Tight Buffers
- Water blocking aramid yarn strength members
- UV resistant jacket, OFNR rated construction
- 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
- R&M Freenet Warranty
- Made in USA

General Description

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

TLC Indoor/ Outdoor Cable is available in carbon black or special order colors (including 12 TIA standard colors). UL Listed OFNP cables are available, and unrated cables may be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers.

PRODUCT-NO	PRODUCT DESCRIPTION
Singlemode OS2	
903381	FO Cable G657A.2 2F In/Out TB OFNR
903485	FO Cable G657A.2 4F In/Out TB OFNR
903515	FO Cable G657A.2 6F In/Out TB OFNR
903523	FO Cable G657A.2 8F In/Out TB OFNR
903526	FO Cable G657A.2 12F In/Out TB OFNR
903538	FO Cable G657A.2 24F In/Out TB OFNR
Multimode OM4	
904343	FO Cable OM4 2F In/Out TB OFNR
904354	FO Cable OM4 4F In/Out TB OFNR
904373	FO Cable OM4 6F In/Out TB OFNR
904375	FO Cable OM4 8F In/Out TB OFNR
904377	FO Cable OM4 12F In/Out TB OFNR
904429	FO Cable OM4 24F In/Out TB OFNR

Indoor Outdoor OFNR 900 μ m Tight Buffers

Fire Properties

DESCRIPTION	Flame Rating
Riser	UL 1666
Duct Indoor/Outdoor	UL 1685 (FT4)

Specifications

DESCRIPTION	VALUE / VALUE RANGE
Storage Temperature	-40°C to + 70°C (-40°F to + 158°F)
Operating Temperature	-40°C to + 70°C (-40°F to + 158°F)
Fiber Count	2, 4, 6, 8, 12, 24
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Carbon Black
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC

Dimensions

DESCRIPTION	VALUE (2/4/6/8/12/24 fiber count)
Nominal Outer Diameter (mm)	4.4/ 4.4/ 4.8/ 5.80/ 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

Optical Characteristics

Items	Single Mode	OM4 (OM4+)	OM5 (WB MMF)
Core Size [mm]	9	50	50
Wavelength [nm]	1310/ 1550	850/ 1300	850/ 1300
Max. Attenuation[dB/km]	0.5/ 0.4	3.0/ 1.0	3.0/ 1.0
Link Length[m]	10,000/5,000 (1/10Gb/s@1550nm)	550(600) (10Gb/s@850nm)	550 (10Gb/s@850nm)
Bandwidth (EMB High Performance) [MHz.km]	-	4,700 @850	4,700@850