



Hyperline Systems Canada Ltd.

FO-IN/OUT-TB-MD-XM-CC-OFNP

Features and Benefits

- 900µm Tight Buffers
- Water blocking aramid yarn strength members
- UV resistant jacket, OFNP rated construction
- Exclusive use of Corning® optical fibers
- Jacket print ensures product identification and fiber compatibility
- Buffers strip consistently between 3.5 – 5 lbs-f, helpful for onsite termination
- Durable jacket offers added protection during installation and in rugged use applications

Description

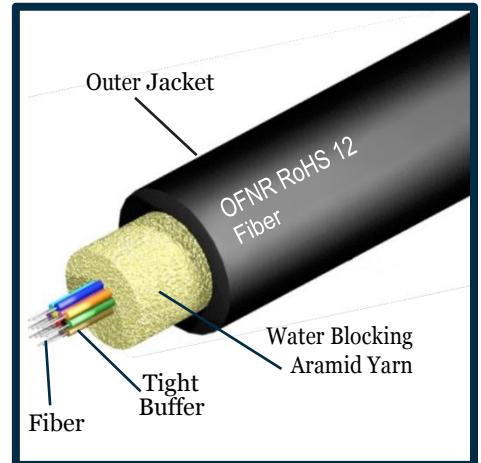
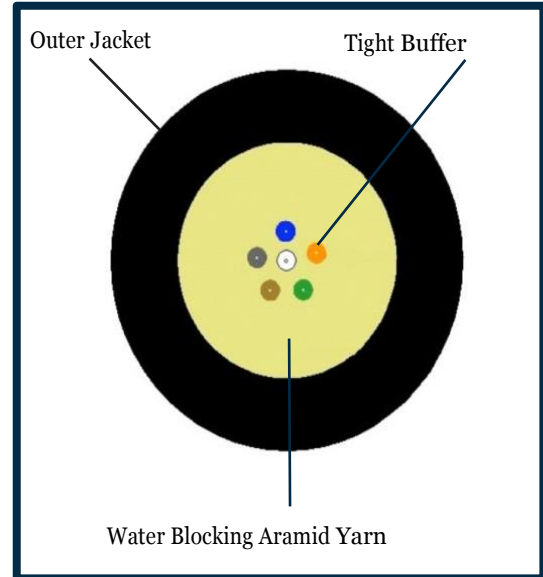
The Indoor/ Outdoor Cable is composed of 2 to 24 colored tight buffers, water blocking aramid yarn, and a UV resistant black PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

Application

Plenum Duct
Indoor/Outdoor

Flame Rating

NFPA262



Specifications

Temperature Range	Indoor
Storage Temperature	-40 C to +70 C
Operating Temperature	-40 C to +70 C

Cable Characteristics	
Fiber Count	2, 4, 6, 8, 12, 24
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Available in 12 TIA/ EIA color standard
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC
Tight Buffer Color	Available in 12 TIA/ EIA color standard

Physical Characteristics	Value
Nominal Outer Diameter (mm) of 2, 4, 6, 8, 12, 24 (fiber count)	4.40/ 4.80/ 5.30/ 5.80/ 6.30/ 8.10
Weight (lbs/ km) of 2, 4, 6, 8, 12, 24 (fiber count)	40/ 52/ 64/ 87/ 115/ 140
Minimum Bend Radius, Installation (cm) of 2, 4, 6, 8, 12, 24 (fiber count)	6.6/ 7.2/ 7.95/ 8.7/ 9.45/ 12.15
Minimum Bend Radius, Operation (cm) of 2, 4, 6, 8, 12, 24 (fiber count)	4.40/ 4.80/ 5.30/ 5.80/ 6.30/ 8.10

Optical Characteristics					
Items	Single Mode	OM1	OM2	OM3	OM4
Core Size	9 um	62.5 um	50 um	50 um	50 um
Wavelength	(1310/ 1550) nm	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm
Max. Attenuation	(0.5/ 0.4) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km
Bandwidth (EMB) (High Performance)	-	220 MHz @850nm	850 MHz @850nm	2000 MHz @850nm	4700 MHz @850nm
Link Length (10Gb/ s)	-	-	150 mtr	300 mtr	550 mtr

Part Numbers

Fiber Count	PART NUMBER	Mode
2-24	FO-IN-OUT-TB-MD-9-CC-OFNP	Single Mode
2-24	FO-IN-OUT-TB-MD-62.5-CC- OFNP	OM1
2-24	FO-IN/OUT-TB-MD-50-CC--OFNP	OM2
2-24	FO-IN/OUT-TB-MD-503-CC-OFNP	OM3
2-24	FO-IN/OUT-TB-MD-504-CC-OFNP	OM4



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