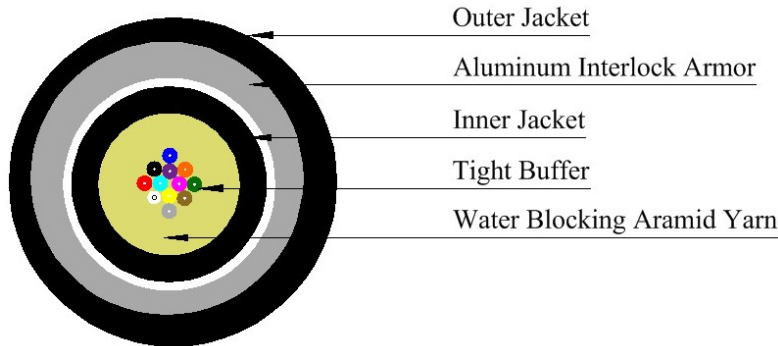
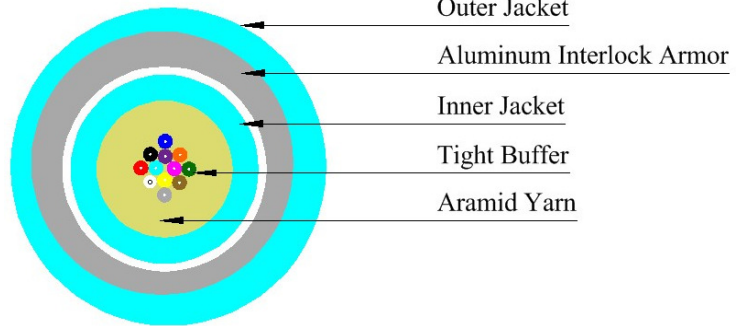


## 2-24 Tight Buffered, Aluminum Interlocking Armored Cable Plenum



TLC Tight Buffered Aluminum Interlocking Armored cable consists of PVC overall jacket, PVC inner jacket with 2 to 24 tight buffered fiber surrounded by yarn acting as a strength member.

The core is protected by a spirally wrapped aluminum strip that offers easy installation and high crush resistance. These cables are available in OFCP rated constructions.



### Application

- Plenum
- Duct

### Flame Rating

- NFPA262

## Specifications

Temperature Range	Indoor	Indoor/Outdoor
Storage Temperature	-40 C to +70 C	-40 C to +70 C
Operating Temperature	0 C to +70 C	-40 C to +70 C

Cable Characteristics	
Fiber Count	2 to 24
Strength Member	Aramid Yarn
Overall Jacket Material	Poly Vinyl Chloride
Inner Jacket Material	Poly Vinyl Chloride
Armoring Material	Aluminum

Mechanical Characteristics	Standards/ Value
Nominal Outer Diameter (2,4/ 6,8,12/ 24) mm	14.15/ 16.4/ 17.45
Bend Radius (2,4/ 6,8,12/ 24) cm	28.3/ 32.8/ 35
Weight (2,4/ 6,8,12/ 24) lbs/ km	315/ 394/ 440

Optical Characteristics					
Items	Single Mode	InfiniCor 300	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	0.4 dB/ Km	3.5 dB/ Km	3.5 dB/ Km	3.5 dB/ Km	3.5 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	Single Mode	InfiniCor 300	OM2	OM3	OM4
2 and 4	S09DI/IO###NPY	M62DI/IO###NPO	M50DI/IO###NPA	M50DI/IO###NPA	M50DI/IO###NPA
6, 8, 12	S09DI/IO###NPY	M62DI/IO###NPO	M50DI/IO###NPA	M50DI/IO###NPA	M50DI/IO###NPA
24	S09DI/IO24**NPY	M62DI/IO24**NPO	M50DI/IO24**NPA	M50DI/IO24**NPA	M50DI/IO24**NPA

Fiber Type (9/125)	**	Fiber Type (50/125)	**	Fiber Type (62.5/125)	**
SMF-28 Ultra	- CZ	ClearCurve OM2	- C2	InfiniCor 300	- C3
SMF28e+	- C	ClearCurve OM3	- CG	InfiniCor 1000	- C1
ClearCurve XB	- CB	ClearCurve OM4	- C4		
ClearCurve LBL	- C7				
ClearCurve ZBL	- CC				

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Rev: 5.0  
 Date: 1/2/2014