

## SINGLE-MODE

The standard single-mode offering is a 10mm OS2 bend insensitive fiber. Bend performances of 7.5mm and 5.0mm are also available.

### COMPLIANCES

- ICEA S-83-596 UL1666
- TIA492-CAAB
- TIA-568-C.3

### NUMERICAL APERTURE

- .14 (characterized)

### AVAILABLE FIBER TYPES

- G.657.A1 10mm bend (standard offering for OMNIA and IllumiCore)
- G.657.A2/B2 7.5mm bend
- G.657.B3 5.0mm bend
- G.652.D

## MULTIMODE 62.5µm OM1

The standard single-mode offering is a 10mm OS2 bend insensitive fiber. Bend performances of 7.5mm and 5.0mm are also available.

### COMPLIANCES

- ICEA S-83-596 UL1666
- TIA492-AAAA-A
- TIA-568-C.3
- ISO/IEC 11801 Type OM1
- IEC 60793-10 UL1666

### NUMERICAL APERTURE

- $.275 \pm 0.015$

### AVAILABLE FIBER TYPES

- 62.5µm OM1 (standard offering for OMNIA and IllumiCore)

## MULTIMODE 50µm OM2, OM3, OM4, and OM5

Each of the 50-micron options are a bend-insensitive fiber. Cable jackets are colored for easy bandwidth performance identification: OM2 orange, OM3/4 aqua, and OM5 lime. Custom colors are always available.

### COMPLIANCES

- ICEA S-83-596 UL1666
- TIA-568-C.3
- TIA492-AAC-B (OM3)
- TIA492-AAAB-A (OM2)
- TIA492-AAAD (OM4)
- TIA492-AAAE (OM5)

### NUMERICAL APERTURE

- $.20 \pm 0.015$

### AVAILABLE FIBER TYPES

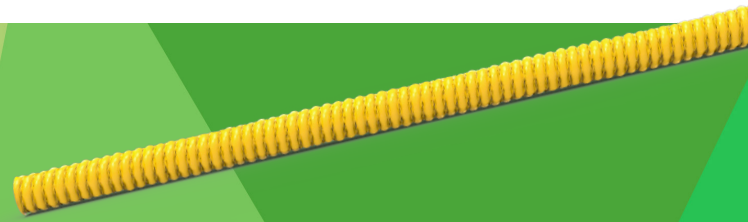
- OM2
- OM3
- OM4
- OM5

# OPTICAL CABLE

## Indoor

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### Interlocking Armored



DMSI's interlocking armored optical cables are exclusively made in the USA and are UL listed. Cables are available in tight buffer and micro 250 constructions. Interlocking armored cables feature a jacketed aluminum spiral wrap protecting the cable contained inside. They offer superior crush resistance, rodent protection, and eliminate the need for innerduct or conduit.

#### COMPLIANCES

- NFPAC262 for Plenum UL1666
- ICEA-S-83-596 UL Listed

## Indoor Interlocking Armored, ORDERING INFORMATION

(X)	Replace (X) With Fiber Type
Y	Single-mode OS2
F	62.5µm OM1
E	50µm OM2
G	50µm OM3
M	50µm OM4
W	50µm OM5 WBMMF

(A)	Replace (A) with Jacket Color
B	Blue
N	Orange
G	Green
W	Brown
T	Slate
H	White
R	Red
K	Black (Standard for Indoor/Outdoor)
Y	Yellow
V	Violet
S	Rose
A	Aqua
L	Lime Green

INDOOR INTERLOCKING ARMORED, RIBBON		
Part # (Riser)	Part # (Plenum)	Description
B004(X)(A)R	B004(X)(A)A	4F, 2.1mm x 4.0mm Nominal OD
B006(X)(A)R	B006(X)(A)A	6F, 2.1mm x 4.0mm Nominal OD
B008(X)(A)R	B008(X)(A)A	8F, 2.1mm x 4.0mm Nominal OD
B012(X)(A)R	B012(X)(A)A	12F, 2.1mm x 4.6mm Nominal OD
B024(X)(A)R	B024(X)(A)A	24F, 2.6mm x 4.6mm Nominal OD

## Indoor Interlocking Armored, ORDERING INFORMATION

INDOOR INTERLOCKING ARMORED, TIGHT BUFFER		
Part # (Riser)	Part # (Plenum)	Description
T002(X)(A)R	T002(X)(A)A	2F, 11.6mm Nominal OD
T004(X)(A)R	T004(X)(A)A	4F, 11.6mm Nominal OD
T006(X)(A)R	T006(X)(A)A	6F, 13.0mm Nominal OD
T008(X)(A)R	T008(X)(A)A	8F, 14.7mm Nominal OD
T012(X)(A)R	T012(X)(A)A	12F, 14.7mm Nominal OD
T024(X)(A)R	T024(X)(A)A	24F, 16.2mm Nominal OD
T036(X)(A)R	T036(X)(A)A	36F, 24.0mm Nominal OD
T048(X)(A)R	T048(X)(A)A	48F, 25.4mm Nominal OD
T072(X)(A)R	T072(X)(A)A	72F, 27.8mm Nominal OD
T096(X)(A)R	T096(X)(A)A	96F, 30.7mm Nominal OD
T144(X)(A)R	T144(X)(A)A	144F, 34.5mm Nominal OD

INDOOR INTERLOCKING ARMORED, 1 & 2 FIBER		
Part # (Riser)	Part # (Plenum)	Description
S001(X)3(A)R	S001(X)3(A)A	Simplex, 1F, 3.0mm Nominal OD
R002(X)3(A)R	R002(X)3(A)A	Round Duplex, 2F, 3.0mm Nominal OD
T002(X)(A)R	T002(X)(A)A	Tight Buffer, 2F, 4.4mm (Distribution) Nominal OD

INDOOR INTERLOCKING ARMORED, MICRO 250µm		
Part # (Riser)	Part # (Plenum)	Description
M012(X)(A)R	M012(X)(A)A	12F, 11.6mm Nominal OD
M024(X)(A)R	M024(X)(A)A	24F, 13.0mm Nominal OD
M036(X)(A)R	M036(X)(A)A	36F, 13.0mm Nominal OD
M048(X)(A)R	M048(X)(A)A	48F, 17.4mm Nominal OD
M072(X)(A)R	M072(X)(A)A	72F, 19.25mm Nominal OD
M096(X)(A)R	M096(X)(A)A	96F, 19.3mm Nominal OD
M144(X)(A)R	M144(X)(A)A	144F, 17.0mm Nominal OD
M288(X)(A)R	M288(X)(A)A	288F, 18.4mm Nominal OD