



# PRODUCT INFORMATION

## Fiber Optic Cable

### Indoor Interlocking Armored

Our Indoor Interlocking Armored Cables are commonly used in data centers, enterprise networks, and other indoor applications where reliable and secure data transmission is critical. Offered in tight buffered, micro-distribution 250µm, central tube ribbon, and simplex/duplex interconnect.

#### Compliances

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

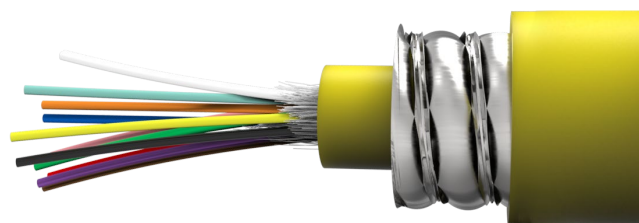
#### Specifications

Product Type	Standard Fiber Optic Cable
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	1F to 288F
Cable Type	Ribbon / Tight Buffer / Simplex 1 Fiber / Dry Loose 250µm
Cable Rating	Indoor/Outdoor Armored (Plenum/Riser)
Color	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua / Lime Green

#### Nominal Optical Diameter Chart

Cable Type	Fiber Count	Cable Diameter
Simplex	1	2.0mm
Ribbon	12	18.7mm
Ribbon	24	18.7mm
Tight Buffer	2	11.6mm
Tight Buffer	4	13.0mm
Tight Buffer	6	13.0mm
Tight Buffer	8	14.7mm
Tight Buffer	12	14.7mm
Tight Buffer	24	16.2mm
Tight Buffer	36	25.4mm
Tight Buffer	48	25.4mm
Tight Buffer	72	30.96mm

Cable Type	Fiber Count	Cable Diameter
Micro 250µm	12	11.6mm
Micro 250µm	24	16.2mm
Micro 250µm	36	16.2mm
Micro 250µm	48	17.45mm
Micro 250µm	72	19.28mm
Micro 250µm	96	19.28mm
Micro 250µm	144	19.28mm



To order or for more info, please contact our sales team:

Call: +1 (941) 244-0935  
Email: Sales@dmsimfg.com





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#### Standard and Compliances

##### Single-mode OS2

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
- TIA-568-D

##### NUMERICAL APERTURE

- .14 (characterized)

##### AVAILABLE FIBER TYPES

- Corning® SMF-28® Ultra optical fiber compliant to G.657.A1, 10mm BR
- Corning® ClearCurve® LBL optical fiber compliant to G.657.A2/B2, 7.5mm BR
- Corning® ClearCurve® ZBL optical fiber compliant to G.657.B3, 5mm BR

##### Multimode 62.5µm OM1

##### COMPLIANCES

- ICEA S-83-596 UL1666
- TIA492-AAAA-A
- TIA-568-C.3
- TIA-568-D
- 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 OM3 / OM4 / OM5

##### COMPLIANCES

- ICEA S-83-596 UL1666
- TIA-568-C.3
- TIA-568-D
- IEC 60793-10 UL1666

##### NUMERICAL APERTURE

- $.20 \pm 0.015$

##### AVAILABLE FIBER TYPES (7.5mm Bend Radius)

- Corning® ClearCurve® OM3 optical fiber compliant to TIA492-AAAC-B, A1a.2 to IEC60793-2-10
- Corning® ClearCurve® OM4 optical fiber compliant to TIA492-AAAD, A1a.3 to IEC60793-2-10
- Corning® ClearCurve® OM5 optical fiber compliant to TIA492-AAAE, A1-OM5 to IEC60793-2-10

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PRODUCT INFORMATION  
**Fiber Optic Cable**  
 Indoor Interlocking Armored

Multi-Fiber | Part Number Configurator



**A**    **BBB**    **C**    **D**    **E**

A	Select Cable Type
B	Jacketed Ribbon (4F-24F)
T	Tight Buffer (2F-144F)
M	Micro 250µm
BBB	Select Fiber Count
002 - 288	
C	Select Fiber Type
Y	Single-mode OS2 10mm bend (standard)
L	Single-mode OS2 7.5mm bend
Z	Single-mode OS2 5.0mm bend
F	OM1
E	OM2
G	OM3
M	OM4
W	OM5 (WBMMF)

D	Select Jacket Color
B	Blue
N	Orange
G	Green
W	Brown
T	Slate
H	White
R	Red
K	Black
Y	Yellow
V	Violet
S	Rose
A	Aqua
L	Lime Green

E	Select Cable Rating
A	Indoor Armored, Plenum
R	Indoor Armored, Riser
L	Indoor Armored LSZH

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PRODUCT INFORMATION  
**Fiber Optic Cable**  
 Indoor Interlocking Armored

Simplex | Part Number Configurator

S001  2

A                    B            C

S	Simplex (1F)
001	1F - Fiber Count
A	Select Fiber Type
Y	Single-mode OS2 10mm bend (standard)
L	Single-mode OS2 7.5mm bend
Z	Single-mode OS2 5.0mm bend
F	OM1
E	OM2
G	OM3
M	OM4
W	OM5 (WBMMF)

2	2.0mm Cable Diameter
B	Select Jacket Color
B	Blue
N	Orange
G	Green
W	Brown
T	Slate
H	White
R	Red
K	Black
Y	Yellow
V	Violet
S	Rose
A	Aqua
L	Lime Green

C	Select Cable Type
A	Indoor Armored, Plenum
R	Indoor Armored, Riser

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