

Non-Armored

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



DMSI optical cables are exclusively made in the USA and are UL listed. Indoor/Outdoor cables are available in tight buffer and dry loose tube (250µm), as well as one and two fiber interconnect. Outer jackets are moisture, fungus, and UV resistant for use in outdoor applications. Cables are water blocked to meet GR-409-CORE requirements.

COMPLIANCES

- NFPAC262 for Plenum UL1666
- ICEA-S-83-596 UL Listed
- Tested to meet or exceed EIA/TIA 568-A / GR-409-CORE

Indoor/Outdoor Non-Armored, ORDERING INFORMATION

Replace "X" with Fiber Type

Y	Single-mode OS2
G	50µm OM3
F	62.5µm OM1
M	50µm OM4
E	50µm OM2
W	50µm OM5 WBMMF

Replace "A" with Jacket Color - Standard is Black (K) for Indoor/Outdoor

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

Ribbon

Riser	Plenum	Fiber Count	Nominal OD
B004(X)(A)N	B004(X)(A)T	4	2.1mm x 4.0mm
B006(X)(A)N	B006(X)(A)T	6	2.1mm x 4.0mm
B008(X)(A)N	B008(X)(A)T	8	2.1mm x 4.0mm
B012(X)(A)N	B012(X)(A)T	12	2.1mm x 4.6mm
B024(X)(A)N	B024(X)(A)T	24	2.6mm x 4.6mm

Tight Buffer

Riser	Plenum	Fiber Count	Nominal OD
T002(X)(A)N	T002(X)(A)T	2	4.4mm
T004(X)(A)N	T004(X)(A)T	4	4.8mm
T006(X)(A)N	T006(X)(A)T	6	5.2mm
T008(X)(A)N	T008(X)(A)T	8	5.2mm
T012(X)(A)N	T012(X)(A)T	12	6.0mm
T024(X)(A)N	T024(X)(A)T	24	8.1mm
T036(X)(A)N	T036(X)(A)T	36	15.4mm
T048(X)(A)N	T048(X)(A)T	48	15.4mm
T072(X)(A)N	T072(X)(A)T	72	19.3mm
T096(X)(A)N	T096(X)(A)T	96	22.8mm
T144(X)(A)N	T144(X)(A)T	144	25.4mm

1 Fiber & 2 Fiber

Riser	Plenum	Fiber Count	Nominal OD
S001(X)3(A)N	S001(X)3(A)T	1	3.0mm
R002(X)3(A)N	R002(X)3(A)T	2	3.0mm
T002(X)(A)N	T002(X)(A)T	2	4.4mm (Distribution)

Dry Loose 250µm

Riser	Plenum	Fiber Count	Nominal OD
L012(X)(A)N	L012(X)(A)T	12	4.0mm
L024(X)(A)N	L024(X)(A)T	24	8.5mm
L036(X)(A)N	L036(X)(A)T	36	8.5mm
L048(X)(A)N	L048(X)(A)T	48	8.5mm
L072(X)(A)N	L072(X)(A)T	72	13.7mm
L096(X)(A)N	L096(X)(A)T	96	15.5mm
L0144(X)(A)N	L0144(X)(A)T	144	19.3mm