



# PRODUCT INFORMATION

## Patch Cords

### MDC

MDC connectors are installed and removed using a push-pull strain relief boot. The boot assists in very dense applications providing easy extraction from adapters and ports. Polarity is easily changed without the need for a tool, or exposing fibers, by simply pulling back the strain relief and rotating around the connector body. Jumpers are exclusively micro-size cables, and are available with alternate connectors on the other end, such as LC, for connecting to existing infrastructure.

### Cable Types

- 1.2mm to 3.0mm 2 fiber Micro

### Connector Compliances

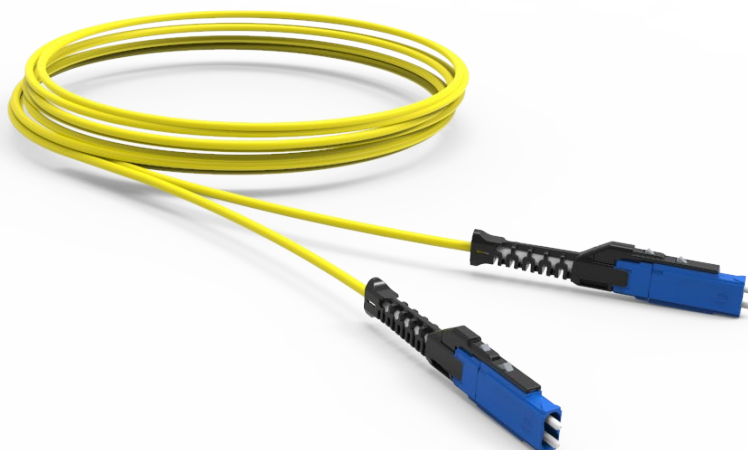
- LC Connectors, TIA/EIA-604-10
- MDC Connectors, TIA/EIA-604-18-A

### Connector Performance

CONNECTOR	MAX IL	RL
Single-mode LC	0.20 dB	≥0.55 dB
Single-mode LC/APC	0.20 dB	≥0.65 dB
Single-mode MDC	0.20 dB	≥0.55 dB
Single-mode MDC/APC	0.20 dB	≥0.65 dB
Multimode LC	0.20 dB	≥0.25 dB
Multimode MDC	0.20 dB	≥0.25 dB

### Product Specifications

Product Type	MDC Patch Cords
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	2F
Connector Type	ELiMENT™ Duplex LC Uniboot / ELiMENT™ Duplex LC /APC Uniboot / MDC Premium Low Loss Duplex / MDC/APC Premium Low Loss Duplex
Color	Blue / Orange / Green / Brown / Slate / White / Red / Black / Yellow / Violet / Rose / Aqua / Lime Green



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

Call: +1 (941) 244-0935  
Email: [info@dmsimfg.com](mailto:info@dmsimfg.com)





# PRODUCT INFORMATION

# Patch Cords

## MDC

### 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

#### AVAILABLE FIBER TYPES

- Optical fiber compliant to G.657.A1, 10mm BR
- Optical fiber compliant to G.657.A2/B2, 7.5mm BR
- 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

#### 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

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

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

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

Call: +1 (941) 244-0935  
Email: [info@dmsimfg.com](mailto:info@dmsimfg.com)





**PRODUCT INFORMATION**  
**Patch Cords**  
 MDC

**Part Number Configurator**



<b>AA</b>	Select Connectors
07	MDC Premium Low Loss Duplex
08	MDC/APC Premium Low Loss Duplex
<b>BB</b>	Select Connectors
07	MDC Premium Low Loss Duplex
08	MDC/APC Premium Low Loss Duplex
E1	ELiMENT™ Duplex LC Uniboot
E8	ELiMENT™ Duplex LC/APC Uniboot

<b>002</b>	2 Fiber
<b>C</b>	Select Fiber Type
Y	Single-mode OS2 10.0mm BIF
Z	Single-mode OS2 5.0mm BIF
G	50µm OM3 7.5mm BIF
M	50µm OM4 7.5mm BIF
W	50µm OM5 WBMMF 7.5mm BIF
<b>M</b>	Micro 250 Reduced Diameter

<b>D</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
<b>2</b>	Plenum
<b>EEE</b>	Select Length
001 - 999	
<b>F</b>	Select Unit of Measure
F	Feet
M	Meter
N	Inches

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

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

