



PRODUCT INFORMATION Patch Cords

Secure Solutions Color-coded & Non-Keyed

Secure Solutions Patch Cords offer an alternative to costly and proprietary Keyed Connectors. Assemblies are manufactured using color-coded non-keyed connectors with matching colored connector housings, clips, boots, and cable. They are ideal for government and military facilities to differentiate networks without being locked into a specific brand.

Secure Solutions patch cords are available in LC and SC connector types.

Features

- Secure Solutions patch cords feature color-coded non-keyed connectors (LC and SC) on both ends, with jacket color to match.

Connector Performance Specifications

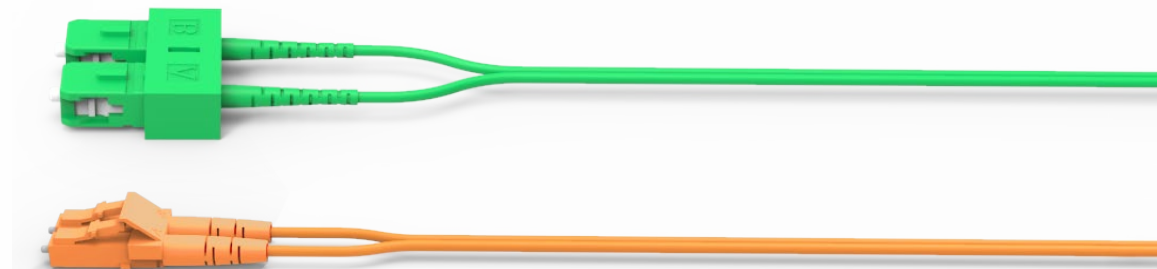
CONNECTOR TYPE	TYPICAL IL PERFORMANCE	MAX IL PERFORMANCE	RETURN LOSS
Single-mode LC	0.10 dB	0.20 dB	≥-55 dB
Single-mode SC	0.12 dB	0.30 dB	≥-55 dB
Multimode LC	0.10 dB	0.20 dB	≥-25 dB
Multimode SC	0.12 dB	0.30 dB	≥-25 dB

Connector Compliances

- LC Connectors, TIA/EIA-604-10
- SC Connectors, TIA/EIA-604-3

Product Specifications

Product Type	Secure Solutions Patch Cords
Fiber Category	Single-mode OS2 / 62.5µm Multimode OM1 / 50µm Multimode OM3 / OM4 / OM5
Fiber Count	2F
Connector Type	LC Duplex / SC Duplex
Colors Available	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





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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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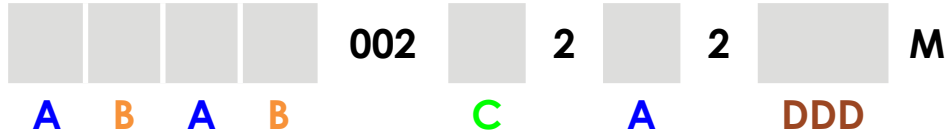


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Part Number Configurator



A	Select Color for Connectors and Cable
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	Select Connector
3	LC Duplex
6	SC Duplex

A	Connector Color Selected
B	Select Connector
3	LC Duplex
6	SC Duplex
002	Standard Fiber Count
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
G	OM3
M	OM4
W	OM5 (WBMMF)

2	2.0mm Zipcord
A	Cable Color Selected
2	Plenum
DDD	Select Length
001 - 999	
M	Meters

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