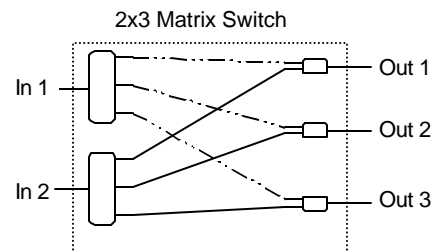


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**Configuration example:**



## Performance Specifications

## LT2000 Series Stand Alone MxN Matrix

Specifications	LT2100	LT2200	Units
Insertion Loss <sup>1,2</sup>	2.4 typ - 3.0 max	1.4 typ – 2.0 max	dB
Maximum channels	32 x 32	8 x 8	
Repeatability	< 0.02	< ± 0.04	dB
Switching Time	80 + 25/channel	20 typical - 30 max	ms
Operating Temperature	0 to 50		°C
Back Reflection	< -55		dB
Crosstalk	< -60		dB
PDL	< 0.2		dB
Control	Local Keypad/ GPIB / RS-232 interface		--
Chassis (19" rack mount)	4U, 8U, up to 14U		--
Wavelength Window <sup>3</sup>	1280~1340, 1520~1580		nm

All specifications referenced without connectors

All specifications referenced with single-mode fiber

Multimode matrix available upon request

### 1. Insertion loss based on 1550 nm single wavelength

2. Add 0.4 dB for 1310/1550 nm dual wavelength

3. Optimized at 1310 or 1550 nm (other wavelengths available upon request)

**Ordering Information:** <sup>(3)</sup>

Example: MN1616M5G-FCA

The diagram shows a 12-pin connector with pins labeled M, N, and a series of 10 numbered pins (1-10). Pin 1 is connected to the 'Code' table. Pin 2 is connected to the 'Code' table. Pin 3 is connected to the 'Code' table. Pin 4 is connected to the 'Code' table. Pin 5 is connected to the 'Code' table. Pin 6 is connected to the 'Code' table. Pin 7 is connected to the 'Code' table. Pin 8 is connected to the 'Code' table. Pin 9 is connected to the 'Code' table. Pin 10 is connected to the 'Code' table. Pin 11 is connected to the 'Code' table. Pin 12 is connected to the 'Code' table.

Code	# of Input Channels
02	2
03	3
04	4
12	12
19	19
32	32
Etc.	

Code	# of Output Channels
02	2
04	4
09	9
12	12
20	20
32	32
Etc.	

Code	Mechanism
M	Motor (LT2100)
R	Relay (LT2200)

Code	Control
G	GPIO <sup>(1)</sup>
R	RS-232
B	Both

Code	Wavelength
3	1310 nm
5	1550 nm <sup>(1)</sup>
D	1310/1550 nm <sup>(2)</sup>
S	Special

Code	Connector Type
FCA	FC/APC
FCP	FC/PC
FCU	FC/UPC
SCA	SC/APC
SCP	SC/PC
SCU	SC/UPC
STP	ST/PC
SSS	Special

(1) Product standards  
(2) Cause specification change  
(3) Custom specifications available

- (1) Product standards
- (2) Cause specification change
- (3) Custom specifications available

The information set forth in this document reflects our best knowledge at the time of issue. The document is subject to changes pursuant to new developments and findings, and a similar reservation applies to the properties of the products described. We undertake no liability for results obtained by usage of our products and information.