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Find the *LIGHTech LT1100* at our website: *Click HERE*

1XN Programmable Optical Switch System

LT1000

The LT1000 Series of 1xN programmable switch systems connect either single or dual fiberoptic channels to any "N" (up to 200) optical channels. They deliver excellent performance and high reliability. The LT1000 Series can be equipped with other LIGHTech switches and fiber taps to offer a flexible architecture for custom applications. Available with remote control via RS232 or GPIB interfaces.

- Simplex and duplex configurations available
- Can be equipped with LIGHTech switches and fiber taps for special applications
- Connects up to 200 channels
- Low insertion loss of 0.6 dB, typical
- High repeatability and low crosstalk at <-60 dB
- Local and IEEE 488 or RS 232 remote control
- Bench top or rack mounting

Applications

- Channel monitoring
- R&D laboratories
- Remote network testing
- Manufacturing test systems
- Field test systems
- Transmitter/receiver measurements





ISO9001 CERTIFIED **Fiberoptic Solutions at the Speed of** LIGHTech™ FIBEROPTICS, INC.

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Customer Service: Sales Support 510.567.8503 / 510.567.8308 • Fax 510.567.8506 • Toll Free 800.567.1688 • info@lightech.net

www.lightech.net

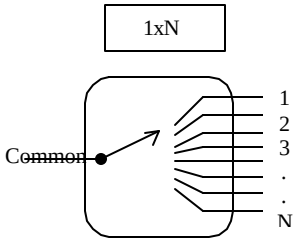
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LIGHTech FIBEROPTICS, INC.

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Configurations:



Performance Specifications

LT1000 Series Stand Alone 1xN

Specifications	LT1100	LT1200	Units
Insertion Loss[1,2]	0.7 typ - 1.0 max	0.7 typ – 1.0 max	dB
Repeatability	< 0.01	< ± 0.02	dB
Switching Time	80 + 25/channel	25 typical - 35 max	ms
Operating Temperature	0 to 50		ºC
Back Reflection	< -55		dB
Crosstalk	< -60		dB
PDL	< 0.1		dB
Control	Local Keypad GPIB / RS-232 interface		--
Chassis (19" rack mount)	2U-half rack, 2U, 4U, 8U		--
Wavelength Window [3]	1280~1340, 1520~1580		nm

All specifications referenced without connectors
All specifications referenced with single-mode fiber
Multimode switches available upon request
1. Insertion loss based on 1550 nm single wavelength
2. Add 0.2 dB for 1310/1550 nm dual wavelength
3. Optimized at 1310 or 1550 nm (other wavelengths available upon request)

Ordering Information: (3)

Example: N116XM5G-FCA

N	1			X	M			-				

Code	# of Output Channels
08	8
16	16
24	24
32	32
64	64
72	72
99+	Contact us

Code	Control
G	GPIB (1)
R	RS-232
B	Both

Code	Wavelength
3	1310 nm
5	1550 nm (1)
D	1310/1550 nm (2)
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
XXX	No Connectors
SSS	Special

(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.

1/02

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