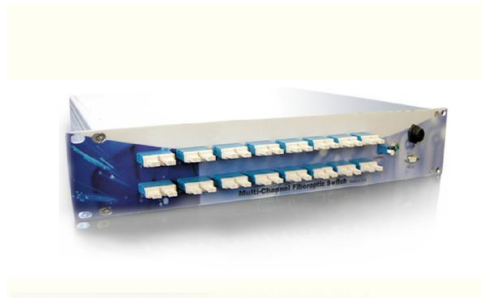


Seamless Channel Monitoring System

Features

- No data interruption
- Lossless
- No phase delay
- Scalable to 500 channels
- Non-invasive
- Full signal taping
- Cost effective



Applications

- Real-time, lossless seamless in-line channel monitoring

Product Descriptions

Based on proprietary fiber optic variable coupling technology, the Seamless Multi-Channel Monitoring System provides the unique capability of selecting and monitoring any channel in a fiber optic network without interruption of data stream, data intensity reduction and phase delay. It also taps out the data signals with high fidelity without intensity reduction. This system is ideal for cost effective and non-invasive network surveillance and monitoring applications.

Performance Specification

Seamless Channel Monitoring System	Min	Typical	Max	Unit
Operation wavelength	1260	1550	1650	nm
Insertion Loss in all channels			1.5	dB
Additional loss in monitoring channel		0		dB
Optical power to monitor	-3			dBm
Return loss		>50		dB
Power consumption		7		W
Operating temperature		-5 to 65		°C
Interface	USB,	RS232,	Ethernet	

Mechanical Dimensions

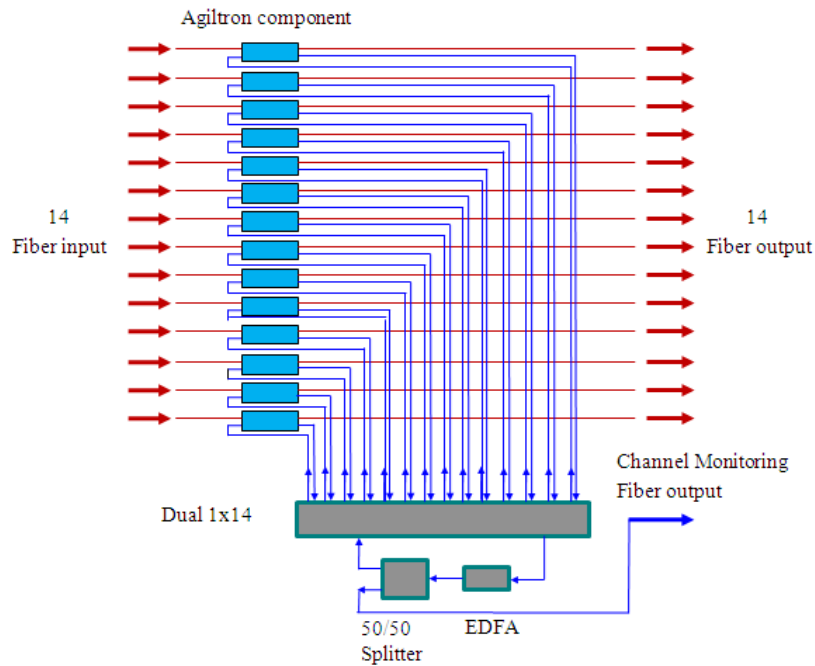
Standard 19" case. The height is determined by channel number.

Electrical Interface

- RS 232
- Ethernet RJ45
- USB

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Function Diagram (scalable)



Ordering Information: SSPM-A-B-C-D-E-F

A	B	C	D	E	F
Channels	Wavelength	Package	Fiber Type		Connector
8=008	1060=1	Standard=1	SMF-28 =1	Bare fiber=1	None=1
14=014	1310=3	Special=0	MM 50/125=2	loose tube=2	FC/PC=2
16=016	1410=4		MM 62.5/125=3	Special=0	FC/APC=3
32=032	1550=5		Special=0		SC/PC=4
64=064	1310/1550=2				SC/APC=5
128=128	650=6				ST/PC=6
Special=000	780=7				LC=7
	850=8				Duplex LC=8
	Special=0				Quad LC=9
					Special=0