

# MSA Compliant Compact ASE Light Source

## Product Description

Agiltron MSA compliant compact Amplified Spontaneous Emission (ASE) light source module features high output power, high output power stability, and excellent spectrum stability. It has standard RS-232 electronics interface.

### Features

- MSA Compliant
- Compact Size
- High Reliability
- Excellent Power Stability



## Performance Specifications

ASE Light Source Module	Min	Typical	Max	Unit
Wavelength	1528		1565	nm
Output Power	13/15/17			dBm
Output Stability			+/-0.05	dB
Return Loss	40			dB
Power Supply		5		V
Operating Optical Power			500	mW
Operating Temperature	-10		70	°C
Storage Temperature	-40		85	°C
Package Dimensions		70x90x15		mm
Fiber Pigtail		SMF-28, 900um buffered		

### Applications

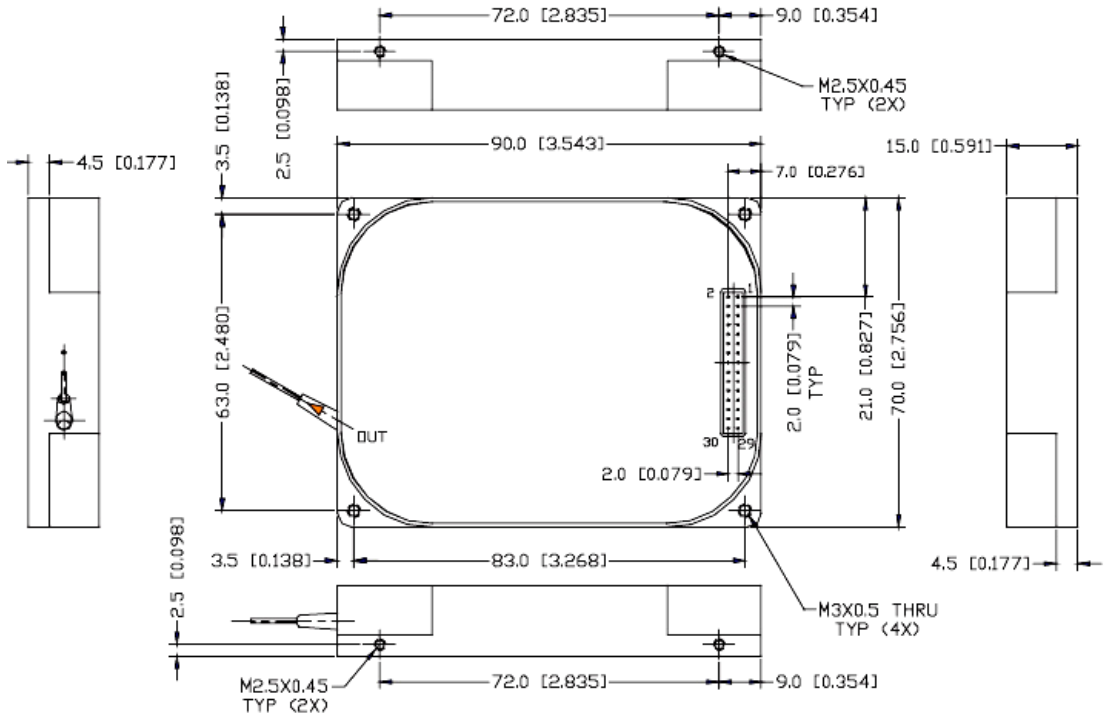
- Fiber Optical Sensors
- Fiber Optical Testing

# MSA Compliant Compact ASE Light Source Module

## Electrical Pin Assignment

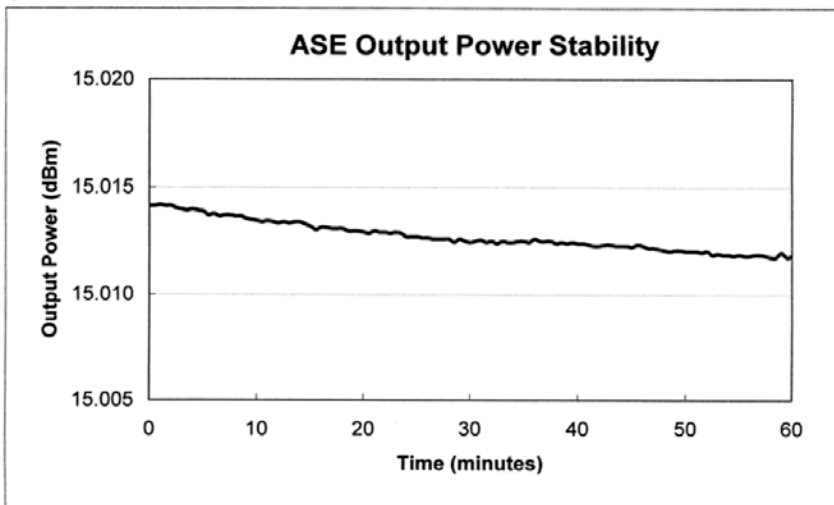
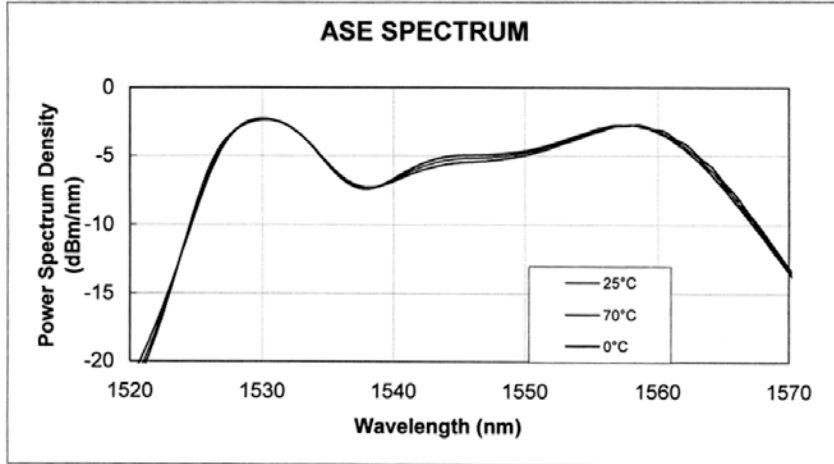
Pin #	Function	Pin #	Function
1	+ 5V	2	+ 5V
3	NC	4	NC
5	GND	6	GND
7	RS-232 Rx	8	RS-232 Tx
9	GND	10	GND
11	NC	12	Reset Input
13	Disable Input	14	Output Power Mute Input
15	Case Temp Alarm	16	Common Alarm
17	Pump Temp Alarm	18	Pump Bias Alarm
19	NC	20	Loss of Output Alarm
21	NC	22	Output Power Monitor GND
23	NC	24	Output Power Monitor
25	GND	26	GND
27	NC	28	NC
29	+ 5V	30	+ 5V

## Mechanical Dimensions (mm)



# MSA Compliant Compact ASE Light Source Module

## Performance



## Ordering Information

<b>SASEN-</b>	<input type="checkbox"/>	<input type="checkbox"/>	<b>C</b>	<b>1</b>	<input type="checkbox"/>	<b>1</b>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Output Power</b>	<b>Electronics</b>			<b>Pump</b>		<b>Fiber Length</b>	<b>Connector</b>
	13dBm=3 15dBm=5 17dBm=7	RS232=R			Uncooled=1 Cooled=2		1.0+/-0.1m= 1 1.5+/-0.1m = 2 Special =0	None = 1 FC/PC = 2 FC/APC = 3 SC/PC = 4 SC/APC = 5 ST/PC = 6 LC/PC = 7 Special = 0