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MS1025 | Network Management Ready Amplifier



Main Features

| Optical amplifier for single wavelength or DWDM applications
| Booster, inline or pre-amplifier at customer's choice
| Configurable as C or L band EDFA
| Booster power maximum 26 dBm
| Pre-amplifier can include ASE noise filter
| Mid-stage for DCF compensation optional
| Supervisory channel Add/Drop optional
| Built-in standard network management, SNMPv.2 Agent, TL1 and CLI
| Standard 1U rack mount unit, Plug and play system or OEM modules

MS1025 series product is Dowslake traditional standalone 1U chassis amplifier, MS1025 is with one smart POP1025 module and is flexible to support functions as: 26dBm output, gain variable, tilt control, dispersion compensate control and OSC channels add/drop for DWDM system.

MS1025 support CLI(command line interface), SNMP, TL1 for management, it is easy to configure and monitor the optical amplifier. Intelligence and versatility are the main features of MS1025, MS1025 are massive deployed for lab test or as optical amplifier for DWDM system.

Product Specifications

Common Features	
Wavelength Range	C Band: 1528nm to 1567nm L Band: 1570nm to 1608nm
Gain Flatness	typ +/-0.5dB,max +/-1dB
Input/Output Detection Range	min 25dB, max 35dB
Optical Retrun Loss	min 30dB
Polarization Mode Dispersion	typ 0.3ps,max 0.5ps
Polarization Dependent Gain	typ 0.2dB,max 0.5dB
Power Supply	-48VDC,or 100/240VAC
Power Consumption	max 35W
Management	
Remote Access	CLI, SNMP, TL1 via Telnet (TCP/IP)
Local Craft	CLI via RS232
Environmental	
Operating Temperature	-5 to 55 °C
Operating Humidity	5 to 95% (non-condensing)
Storage Temperature	-20 to + 85 °C
Mechanics	
Rack Mount Unit	19" 1U
Dimensions (H x W x D)	44 x 437 x 230 mm

Application Specific	**Booster**	**Inline**	**Pre-amplifier**
Minimum Input(dBm)	-20	-30	-40
Maximum Input (dBm)	Maximum Output - Specified Gain		
Minimum Output (dBm)	Minimum Input +Specified Gain		
Maximum Output (dBm)	<=26	<=26	<=32
Gain (Typical, dB, see note)	5 ~ 25	10 ~ 25	15 ~ 35
ASE Filter (optional)	N/A	N/A	100GHz
Mid-stage Loss (optional)	From 3 to 12 dB customizable		

Order Matrix:

Please Contact Dowslake for more information, we will prepare detail datasheet for your application!

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