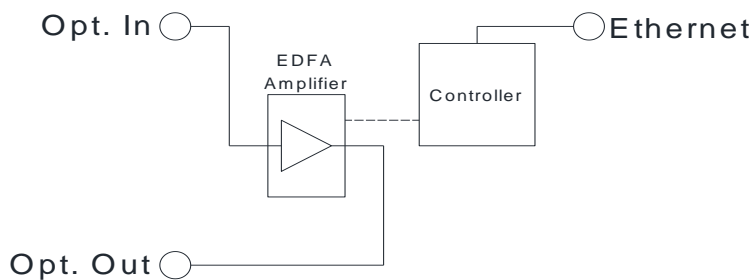


## DEV 3530 - MODULO EDFA Boost Amplifier



### Features:

- ▀ 1 RU Chassis with single EDFA Boost-Amplifier, 1 Output
- ▀ High Gain and low Noise Figure EDFA Amplifier
- ▀ Automatic Output Power Control (APC) Operation Mode
- ▀ Monitoring of Input and Output Optical Power Level
- ▀ Front Panel Status and Alarm LEDs
- ▀ SNMP Support
- ▀ DEV Web Interface
- ▀ Data Backup Feature
- ▀ Power Supply Redundancy



## Technical Data DEV 3530

	Value	Condition
<b>Optical Specification</b>		
Number of Optical Inputs	1	
Number of Optical Outputs	1	
Optical Connector	SC/APC, E2000/HRL, or FC/APC	Standard is SC/APC
Laser Class (according to IEC 60 825-1)	Class 1M (low Risk to Eyes, no Risk to Skin)	
Fiber Type	Single Mode 9/125 $\mu$ m	
Wavelength	1529...1565 nm	
Operation Mode	Automatic Output Power Control (APC)	
Input Power Range	-3...+10 dBm	
Max. Gain	23 dB	
Adjustable Output Power	0...+20 dBm, Step Size 1 dB	
Saturated Output Power	+20 dBm	
Output Level Accuracy	$\pm$ 1 dB	
Return Loss	>45 dB	
Noise Figure	<5.5 dB, typ. 5 dB	
<b>Remote Communication</b>		
Interface (Connector)	Ethernet (RJ-45)	
Remote Control & Surveillance	via Web Interface and via SNMP	
<b>General Specification</b>		
Supply Voltage	100...240 V AC supplied by 2 different Lines	
Power Consumption	<80 VA	
Size	19" (483 mm) Width, 1 RU (44 mm) Height, ~13.39" (~340 mm) + max. 3.15" (80 mm) (Optical Connectors) Depth	
Weight	~9 kg	
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1E	
Operating Temperature	0...50 $^{\circ}$ C (32...122 $^{\circ}$ F)	
Storage Temperature	-40...+70 $^{\circ}$ C (-40...+158 $^{\circ}$ F)	
Storage Humidity	10...85 %	Non-condensing

## Order Information

Product	
DEV 3530	MODULO EDFA Boost Amplifier 1 Out; 1529...1565 nm; SC/APC; 1 RU

Optical Connector Options	
Option 07	FC/APC Optical Connector
Option 08	E2000/HRL Optical Connector

## Contact

DEV Systemtechnik GmbH  
 Grüner Weg 4A  
 61169 Friedberg  
 GERMANY  
 Phone: +49 6031 6975 100  
 Fax: +49 6031 6975 114  
 info@dev-systemtechnik.com  
 www.dev-systemtechnik.com

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*Technical specifications are subject to change*