

ROA1

1U-Rack Optical Amplifier

Application

- ▶ Long-Haul, Metro and Access Networks
- ▶ Single Channel Networks

Features

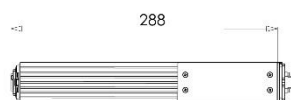
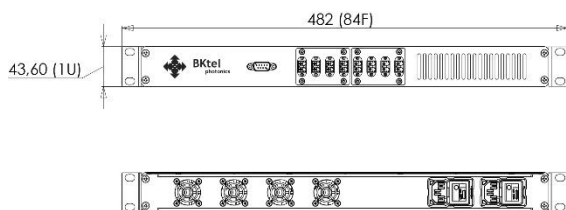
- ▶ High Output Power, up to +32dBm
- ▶ 1U Rack
- ▶ Low Noise Figure
- ▶ Simplified Internet Protocol Management, Digital Control System



Parameter

		ROA1-200	ROA1-230	ROA1-300	ROA1-320
Wavelength	[nm]	1530...1564	1530...1564	1530...1564	1535...1564
Output Power	[dBm]	+20	+23	+30	+32
Input Power Range	[dBm]	-14...+12	-14...+12	-14...+12	-14...+12
Noise Figure	[dB]	5.5	5.5	5.5	5.5
PDG	[dB]			0.3	
PMD	[ps]			0.5	
Optical Isolation	[dB]			30	
Return Loss	[dB]			40	
Power Supply Voltage	[V]			+24	
Power Consumption	[W]	5	12	15	25
Operating Case Temperature	[°C]			0...+70	
Communication Interface				RS-232 / I2C	

Mechanical Dimensions



Ordering Information

Custom variants are available upon request, please contact our customer service to discuss your specification requirements.

Evaluation board available on request



Specifications are subject to change without notice