

UHPOA-2P

2 μm Band, PM Ultra High Power Optical Amplifier

Application

- ▶ Test & Measurement
- ▶ Multiple Laser Combination

Features

- ▶ High Output Power, up to +40 dBm
- ▶ Low Noise Figure
- ▶ Single or Multiple Output Ports
- ▶ Digital Control System

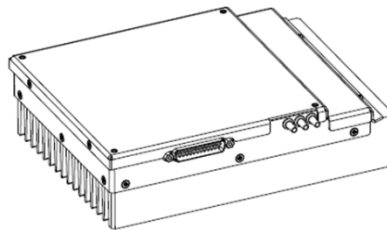
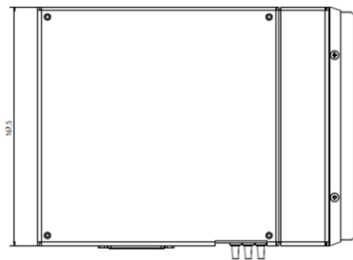


UHPOA-2P-300 UHPOA-2P-330 UHPOA-2P-370 UHPOA-2P-400

Parameter

Parameter	[nm]	1750 nm	2050 nm	
Wavelength	[nm]	1750 nm 2050 nm			
Output Power	[dBm]	+30	+33	+37	+40
Input Power Range	[dBm]	-8...+15	-8...+15	-8...+15	-8...+15
Noise Figure	[dB]	5.5	5.5	5.5	5.5
Linear Polarisation (PER)	[dB]	>18			
Optical Isolation	[dB]	30			
Return Loss	[dB]	40			
Power Supply Voltage	[V]	+24			
Power Consumption	[W]	16	25	45	60
Operating Case Temperature	[°C]	0...+70			
Optical Connector		SC/APC, FC/APC, others			
Communication Interface		RS-232			

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