

Hybrid Raman Amplifier Module

Features

- Automatic gain and tilt control
- Variable gain setting
- Flatten gain shape
- Laser safety with automatic pump shutdown

Applications

- 40G/100G transmission
- Long-haul and ultra-long-haul link



Main Specifications

Parameter	Max	Min	Specification	Unit
Signal wavelength range			1528 ~ 1568	nm
Pump Number (Raman + EDFA)			2 + 2	
Output Pump Power			680 760	mW
Gain Flatness (Tilt=0)	√		1.5	dB
Gain	√		15 34	dB
Tilt			-3 ~ 3	dB
Gain Accuracy			-0.8 ~ 0.8	dB
Tilt Accuracy			-0.8 ~ 0.8	dB
Effective NF			1.5	dB
Pump Light DOP	√		10	%
PMD	√		0.5	ps
Communication Interface			RS232	
Power Consumption	√		60	W
Operating Temperature			-5 ~ +55	°C
Storage Temperature			-25 ~ +75	°C
Relative Humidity (non-condensation)			5 ~ 95	%
Dimensions			220*150*22	mm ³



Order Information

- The above specifications represent the typical performance of an O-Net Hybrid Raman Amplifier of this category.
- Please contact our Sales to discuss your specific requirements.