



Electro Optical Components, Inc.

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RealLight

RL-RP Series Raman Probe

RealLight's self-developed Raman Probes, featuring excellent coupling efficiency, wide spectral range and good stability, can be used for laboratory applications, field measurements, etc. Manual safety shutter, different fiber connectors or probes with different working distance are available according to the demands, to effectively complete the measurement of liquids and solids. Mastering the leading techniques of narrow linewidth laser diode manufacturing and fiber coupling, RealLight is also able to offer the customized services to the users.



Key Features

- Wide spectral range
- Excellent optical design
- High coupling efficiency
- O.D.>6, effectively filter Rayleigh Scattering
- Manual safety shutter available
- Great product consistency

Standard Wavelengths

532nm 785nm 830nm 1064nm

Specifications

PN	RL-RP-532-F (F/S)	RL-RP-785-F (F/S)	RL-RP-830-F (F/S)	RL-RP-1064-F (F/S)
Working method	Pig-tailed			
Probe size	107x30x13mm			
Filter efficiency	OD6			
Working distance	8mm			
Excitation fiber	105µm core, NA0.22, SMA905 or FC/PC			
Collection fiber	200µm core, NA0.22, SMA905			
Fiber length	110+30cm			
Operating/storage temperature	0-60°C			
Operating/storage humidity	10%-85%			
Spectral range	200-4000cm ⁻¹	150-4000cm ⁻¹	150-4000cm ⁻¹	100-3000cm ⁻¹

Mechanical Dimensions (mm)

