



# Electro Optical Components, Inc.

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## RL-RP Raman Probe



Electro Optical Components' Raman Probes feature excellent coupling efficiency, wide spectral range, good stability, and can be used for laboratory applications, field measurements, etc. Manual safety shutter, different fiber connectors or probes with different working distance are available to effectively complete the measurement of liquids and solids.



### Key Features

- ◆ Spectral Range: 150–4000cm<sup>-1</sup>
- ◆ Excellent optical design
- ◆ High coupling efficiency
- ◆ O.D.>6, effectively filter Rayleigh Scattering
- ◆ Manual safety shutter available
- ◆ Great product consistency

### Specifications

Probe	RL-RP-785-F (F/S)	RL-RP-785-W
Working method	Pig-tailed	Free space
Image		
Probe size	107 × 30 × 13mm	70 × 30 × 13mm
Filter efficiency	OD6	OD6
Working distance	8mm	8mm
Excitation fiber	105um core, N.A.0.22, SMA905 or FC/PC	105um core, N.A.0.22, SMA905 or FC/PC
Collection fiber	200um core, N.A.0.22, SMA905	200um core, N.A.0.22, SMA905
Fiber length	110+30cm	N.A
Operating/storage temperature	0–60°C	0–60°C
Operating/storage humidity	10% - 85%	10% - 85%

### Mechanical Dimensions

