



PbSe RT

LEAD SELENIDE

PLATE CELLS SERIES F & FM-FA & FAM-FS & FSM

FEATURES

- Hermetically Sealed Packages
- Room Temperature Operation
- Custom Wavelength Response
- Custom Test
- Hybrid Amplifiers
- 2 Year Warranty
- Customized Filters Available
- Custom Packages

HOW TO ORDER

Select the proper lead selenide electrical type (F; FM) and match it with the proper mechanical and package code number. Example: FM-1-5, FM-5-8. The active areas listed are considered standard sizes. Special size plate cells are available upon request.

ELECTRICAL SPECIFICATIONS

Test Conditions at 23°C - Typical	F & FM	FA & FAM	FS & FSM
D* (Pk.,1000,1) x 10 ¹⁰	.1 - .3	.4 - .5	.6-1.5
Peak Wavelength Response - Microns Typ	3.8	3.8	3.8
Time Constant - Microseconds	2 - 5	2 - 5	2 - 5
Resistance - Megohms	.1 - 4	.1 - 4	.1 - 4

ACTIVE AREA SPECIFICATIONS

Code Number	Active Area		Bias Voltage	Typical VW-1	Package Size
	Inches	mm			
1	.040	1	50	1-4x10 ⁴	TO-5 & TO-46
2	.080	2	100	.5-2x10 ⁴	TO-5
3	.120	3	150	.4-1x10 ⁴	TO-5
5	.200	5	250	3-6x10 ³	TO-8
10	.400	10	500	600	TO-3

MECHANICAL SPECIFICATIONS

