

72418

Multi-window alpha-beta-gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	4.72/119.9
MAXIMUM DIAMETER (INCH/MM)	1.25/31.8
GAS FILLING	Ne +Halogen
EFFECTIVE LENGTH (INCH/MM)	2.48/62.9
CATHODE MATERIAL (INTERNAL/EXTERNAL)	446 Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.62/15.8
CONNECTOR	BNC
OPERATING TEMPERATURE RANGE °C	-40 to +75

WINDOW SPECIFICATIONS

MATERIAL	Mica
EFFECTIVE DIAMETER (INCH/MM)	0.62/15.8
AREAL DENSITY (MG/CM²)	1.5 - 2.0

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
RECOMMENDED ANODE RESISTOR (MEG OHM)	3.3
OPERATING VOLTAGE RANGE (VOLTS)	450 - 650
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	7
MINIMUM DEAD TIME (MICRO SEC)	30
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	24
TUBE CAPACITANCE (PF)	6
WEIGHT (GRAMS)	200
MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM)	20
MAXIMUM STARTING VOLTAGE (VOLTS)	375



