Electron Tube Division

Detectors
- Photomultiplier Tubes
- Photomultiplier Modules
  - Product list
  - Parametric Search
  - Request Info
  - Request Quote
  - Catalog Index
  - Add to Product Cart
- Ion Detectors
- Phototubes
- Electron Multipliers
- Microchannel Plates (MCPs)
- Image Intensifiers
- Flame Sensors (UVtronâ)
- PPM(Programmable Phase Modulator)
- Accessories
  - Power Supplies
  - Photon Counters
  - Amplifiers
  - Cooling Units
  - Active Sockets
  - Bare Sockets
  - Magnetic Shields
  - Optical Block
  - Others

Light Sources
X-ray Products
Optic Plates

Go to previous product Go to next product

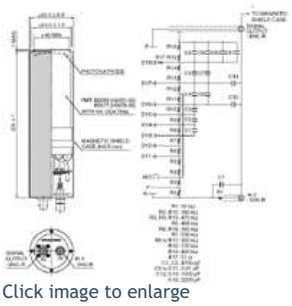
Part Number	Type	Head on / Side on	Size [mm]	Amplifier
H2431-50	PMT	HO	51	N

Head on assembly using R2083. Spectral response of 300nm - 650nm. Has SHV connector for HV supply and BNC connector

Key Specifications

Part Number	H2431-50
Type	PMT
Head on / Side on	HO
Size	51mm
Effective Area	46mm
Cathode Type	Bialkali
Peak Wavelength	420nm
Peak Radiant Sens	80mA/W
Window Material	Borosilicate Glass
Min Wavelength	300nm
Max Walength	650nm
Cathode Luminous Sensitivity	80µA/lm
Cathode Blue Sensitivity	10µA/lmb
Anode Luminous Senstivity	200A/lm
Gain	2.5E+06
Dark Current	100nA typ.
Rise Time	0.7ns
Transit Time Spread	0.37ns
Dynode Structure/ Number of Stages	L/8
Multi Anode	N
Output Type	Current Output
A/D Converter	N
Photon Counting	N
Amplifier	N

Drawing



Click image to enlarge

Related Products

- PMT Part Number R2083

¸ Hamamatsu Corporation. Customer privacy is important, please read our **privacy statement**.Please send comments/questions about this page to the **Webmaster**.