

25A25/1.1M-E1-YAP-X-NEG

Description : Demountable YAP:Ce X-ray detector with aluminium entrance Window.

Scintillation crystal	:	YAP:Ce, 25.4 x 25.4 mm.
Photomultiplier tube	:	Ø30 mm, type Hamamatsu R3998
PMT rise time	:	3.4ns
Drawing number	:	VS-1635-10
Entrance window	:	0.4 mm aluminium.
Voltage divider	:	6 MΩ,
Connectors	:	-HV SHV Anode signal BNC.
Temperature range	:	- 20 °C to +70 °C.

Performance

Gain stability	:	< 1.5% over 24 h at 20 °C.
Typical energy resolution	:	< 6.0 % @ 662 keV
Typical high voltage	:	-800 V.
Max. high voltage (cath/anode)	:	-1250 V.

