JIMNVT-K-20-快响应像增强器

JIMNVT-K-20 Fast-Response Low-Light Image Intensifier

JIMNVT-K-20 Fast-Response Low-Light Image Intensifier is a high-performance optoelectronic device designed for ultrafast detection of transient weak light signals. Utilizing gated operation technology, it enables sub-nanosecond precision in capturing faint optical signals through high-speed photocathode switching. Ideal for laser pulse diagnostics, high-speed spectral analysis, and detonation transient observation.

JIMNVT-K-20 Fast-Response Low-Light Image Intensifier

Technical Parameters	JIMNVT-K-20	Units
Photocathode Effective Diameter	≥17.5	mm
Cathode Materials	S25/S20/Bialkali, etc.	–
Input Window	Glass/Fused Silica/Fiber Optic Plate(FOP) customizable per client requirements	–
Output Window	Glass/Planar Anode/Single Anode/Multi-Anode/ Position-Sensitive Anode (PSA) customizable per client requirements.	–
Phosphor	P43/P45/P46	–
Spectral Response	200nm-900nm Customizable per client requirements	–
MCP	1/2/3	–
Response Speed	≤3ns Customizable per client requirements	lp/mm
Operating Voltage	Cathode voltage 0-200V, single MCP voltage 0 - 1000V anode voltage 0 - 6000 V.	V
Operating Temperature	-45~+55	℃
Storage Temperature	-55~+70	℃