

PHOTOMULTIPLIER TUBE PMT-186

PMT 186 has SbKNaCs photocathode and linear 14-dynode multiplication system. The device is intended for registration of impulse light signal within visible and near IR ranges for multispectral research.

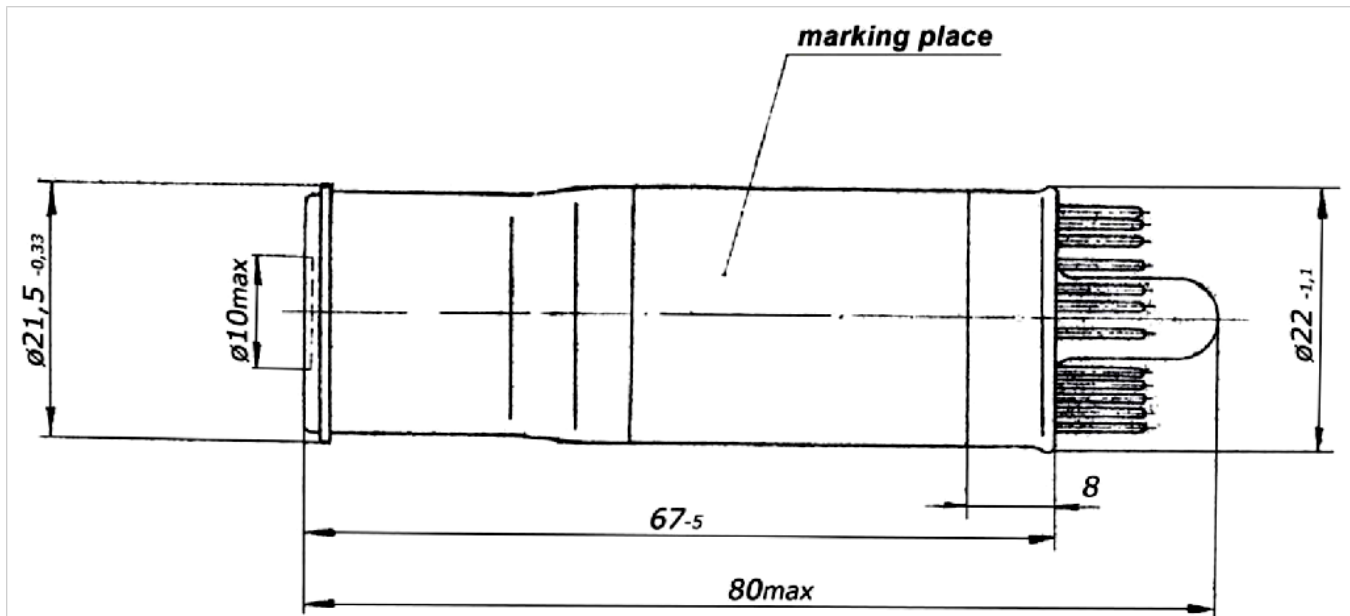


Construction design: PMT-186 is produced in a glass balloon with head-on optical input. The input window is made of boron-silicate UV glass. Available complete set: socket and voltage divider.

SPECIFICATIONS

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|---|------------------------|
| Photocathode | SbKNaCs |
| Photocathode diameter (functional), mm | 10 |
| Device diameter, mm | 22 |
| Length, mm | 67 |
| Number of dynodes | 14 |
| Spectral response, nm | 200 ÷ 800 |
| Photocathode luminous sensitivity, $\mu\text{A/lm}$ | ≥ 80 |
| Anode luminous sensitivity, A/lm | 100 |
| Dark current, A | $\leq 5 \cdot 10^{-9}$ |
| Nominal supply voltage at anode luminous sensitivity of 100 A/lm , V | ≤ 2200 |
| Pulse rise time, ns | $\leq 1,5$ |

DIMENSIONAL OUTLINE



SPECTRAL RESPONSE CHARACTERISTIC

