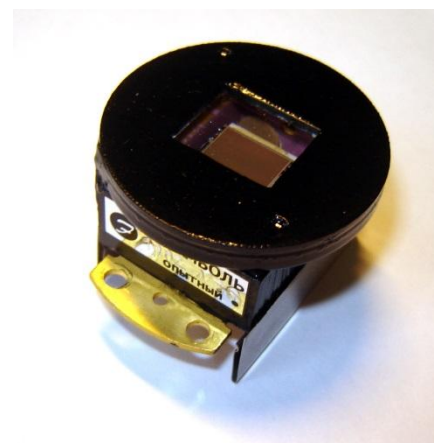


CCD 26M

CCD 26M has two-sections, 768x580 pixels and bulk transfer n-channel. The device is cooled by built-in thermoelectric cooler. Main application – operation as a component in TV electro-optical systems for military, industry and science purposes.

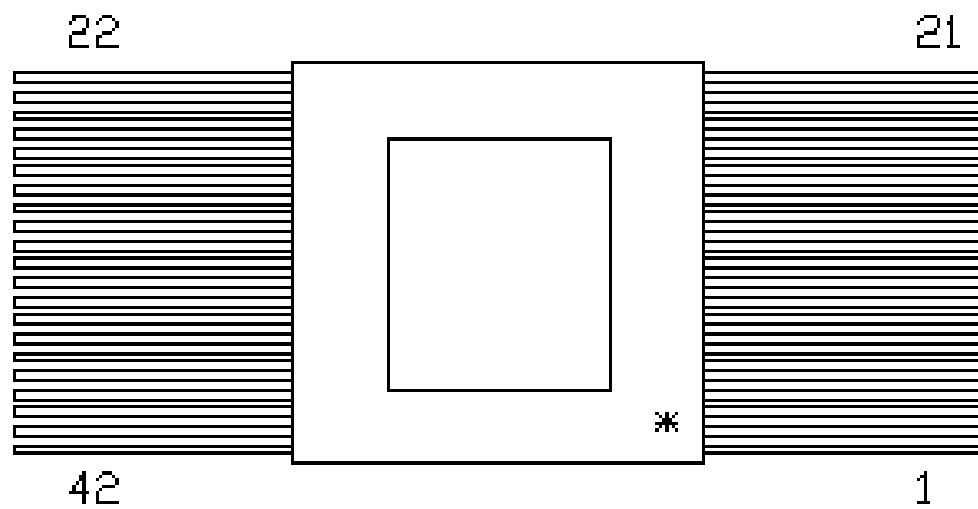
Construction design: CCD has metal-ceramic package with optical input window of C50-5M glass. Cooling by two-stage thermobattery. Input window heating is provided.



SPECIFICATIONS

Number of pixels	768×580
Image size, mm	9.98×7.49
Pixel size, (HxV), μm	13×26
Spectral response, μm	0.45÷1.0
Max. diameter, mm	45
Saturation voltage, V	≥0.5
Saturation illumination, lx	≤15
Output signal relative mean square nonuniformity, %	≤5
Threshold illumination, lx	$5 \cdot 10^{-3}$
Relative dark signal referred to output signal voltage, %	≤0.4
Dark signal relative mean square nonuniformity, %	≤2
Output signal dynamic range	≥3000
Modulation transfer factor along the horizontal at 400 TL, %	
in the center	60
at the corners	55
Modulation transfer factor along the vertical at 200 TL, %	
in the center	65
at the corners	60

EXTERNAL APPEARANCE



SPECTRAL RESPONSE CHARACTERISTICS

