



Lens shape	Hyperhemisphere				Hemisphere	Flat
Detector optical area [mm ²]	0.5x0.5	1x1	2x2	3x3	0.5x0.5 - 3x3	0.01x0.01 - 4x4
R [mm]	0.5	0.8	1.25	1.6	0.5-1.6	infinity
A [mm]	4.6±0.3	5.5±0.3	6.85±0.3	7.9±0.3	3.1±0.3	1.6±0.3
B [mm]	3.1±0.15	3.1±0.15	3.1±0.15	3.1±0.15	3.1±0.15	1.6±0.15
FOV, C=φ4 [mm]	~36°	~36°	~36°	~36°	~66°	~102°
FOV, C=φ6 [mm]	~36°	~36°	~36°	~36°	~88°	~124°

5	Sapphire pad	Sapphire
4	Detector	HgCdTe / GaAs
3	Detector cap	Copper covered with Cr-Ni
2	Detector case	Copper covered with Cr-Ni
1	BNC connector - may vary from shown in drawing	
No.	Name	Material
UNIT: mm		Date: 17-Jan-15
GENERAL TOLERANCE:		SCALE: 2:1
XX=±0.1 / XXX=±0.05		DWG NO: DT-BNC.003
SIZE A4	TITLE: Detector BNC	



Infrared detectors dept.

SHEET 1 OF 1

WEIGHT: 25 ±1 g

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VIGO System's detectors contains miniature amounts of mercury and cadmium but as part of medical devices, monitoring and control instruments can be treated as an exempt from the UE Directive on the Restriction of Hazardous Substances (RoHS).