



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=Ø4 [mm]	~36°	~36°	~36°	~36°	~66°	~102°
FOV, C=Ø6 [mm]	~36°	~36°	~36°	~36°	~88°	~124°

4	Detector on sapphire pad	HgCdTe / GaAs / Sapphire
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: 18-Jul-16
GENERAL TOLERANCE:		SCALE: 2:1
XX=±0.1 / XXX=±0.05		DWG NO: DT-BNC.004



Production Department

SHEET 1 OF 1

WEIGHT: 25 ±1 g

SIZE A4	TITLE: Detector BNC
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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).