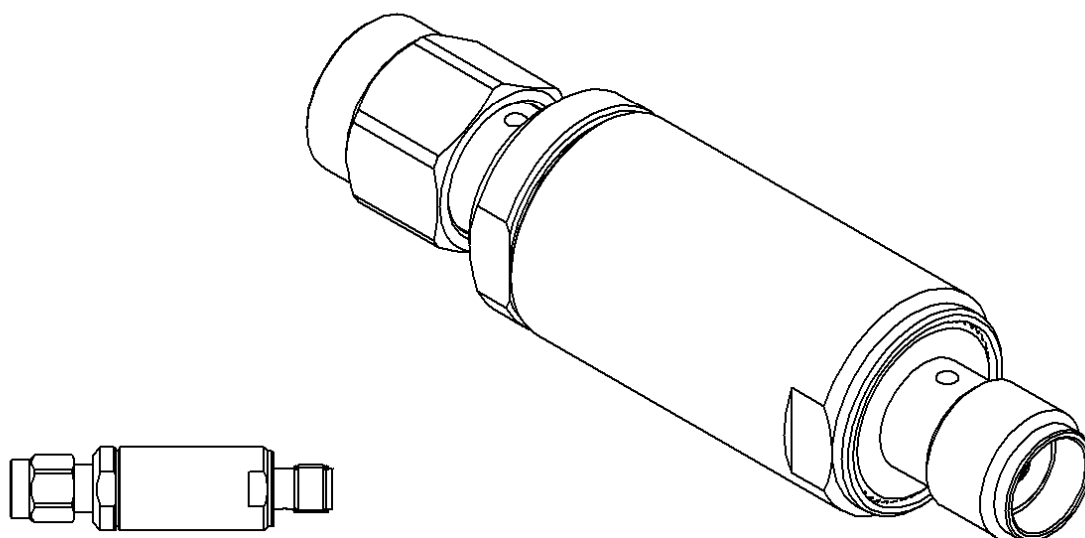
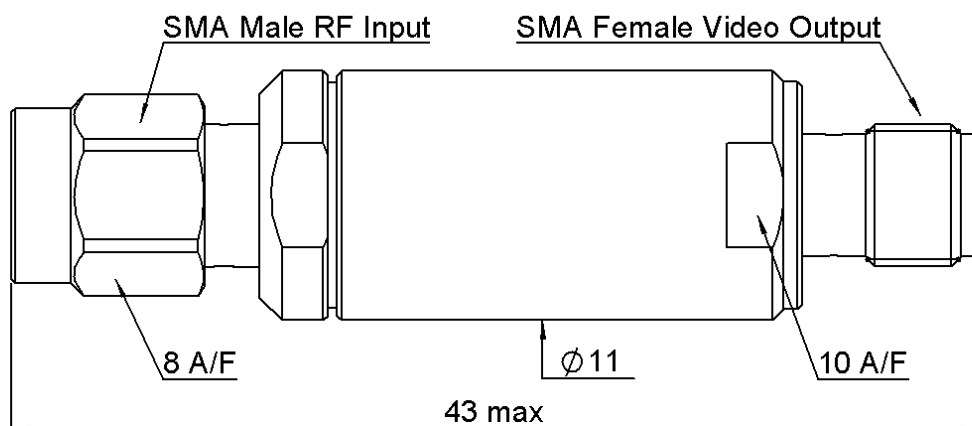


**SMA M/F DETECTOR**

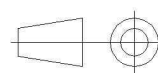
**0.01 - 12.4 GHZ**

**R451.530.500**

Series : **DETECTOR**



SCALE 1:1



All dimensions are in mm.

Weight **18,7300 g**

Specification

**Issue : 1002 P**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIAL** 

**SMA M/F DETECTOR****0.01 - 12.4 GHZ****R451.530.500**Series : **DETECTOR****ELECTRICAL CHARACTERISTICS**

FREQUENCY RANGE (GHz)	0.01 – 12.4
IMPEDANCE	50 Ohms
SENSITIVITY LEVEL (Input Power <= -20 dBm)	> 500 mV / mW
FREQUENCY RESPONSE  0.01 – 8 GHz 0.01 – 12.4 GHz	  ± 0.2 dB / octave ± 0.5 dB
VSWR  0.01 – 8 GHz 8 – 12.4 GHz	  <= 1.35 <= 1.50
AVERAGE POWER	200 mW at 25°C
PEAK POWER	2W (10 nS , 1mS)
OUTPUT POLARITY	Positive
FILTERING CAPACITY (Typical)	20 pF
DIODE	Schottky “Zero Bias”

**MECHANICAL CHARACTERISTICS**

RF INPUT CONNECTOR	SMA Male Per MIL C 39012
VIDEO OUTPUT CONNECTOR	SMA Female Per MIL C 39012

**ENVIRONMENTAL CHARACTERISTICS**

OPERATING TEMPERATURE RANGE (°C)	- 25 / +70
STORAGE TEMPERATURE RANGE (°C)	- 40 / +85

**Issue : 1002 P**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

