



RADIAL
MICRONDE department

R451533000

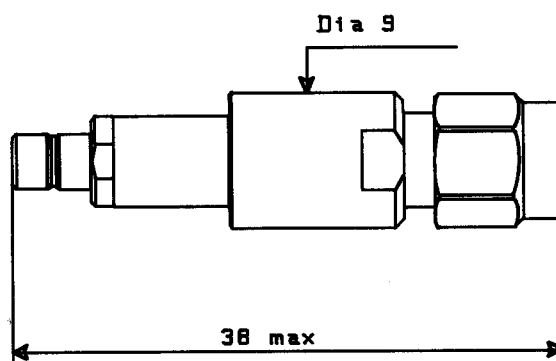
**TECHNICAL
DATA SHEET**

TITLE WIDE BAND COAXIAL DETECTOR

LTR. A

DRAWING:

SMB male
VIDEO OUTPUT



SMA male
RF Input

General tolerances : ± 0.5 mm

ELECTRICAL CHARACTERISTICS :

IMPEDANCE	: 50 Ohms
FREQUENCY RANGE	: 0.01 - 18 GHz
V.S.W.R. from 0.01 to 8 GHz	: ≤ 1.35
from 0.01 to 18 GHz	: ≤ 1.50
FREQUENCY RESPONSE (0.01- 8 GHz)	: ± 0.2 dB/Octave
(0.01-12.4 GHz)	: ± 0.4 dB
(0.01-18 GHz)	: ± 1 dB
SENSITIVITY mini (PE= - 0.35 mW)	: > 100 mV
POLARITE	: Négative
TANGENTIAL SENSITIVITY	: - 44 dB min
SQUARE LAW RESPONSE LIMIT	: - 12 dBm
VIDEO IMPEDANCE	: 2 k Ω typical
FILTERING CAPACITY	: 20 pF typical
MAXIMUM POWER	: 200 mW CW
DIODE	: SCHOTTKY << zero Bias >>

MECHANICAL CHARACTERISTICS :

INPUT CONNECTOR	: SMA male per MIL C 39012
VIDEO OUPUT CONNECTOR	: SMB male per MIL C 39012
MAXIMUM WEIGHT	: 11 grams

ENVIRONMENTAL CHARACTERISTICS :

OPERATING TEMPERATURE RANGE	: 0°C + 50°C
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NAME

K. LUCIEN

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