

This information is given as an indication. In the continual goal to improve our products, we reserve the right to make any modifications judged necessary

50 W

4 - 8 GHz

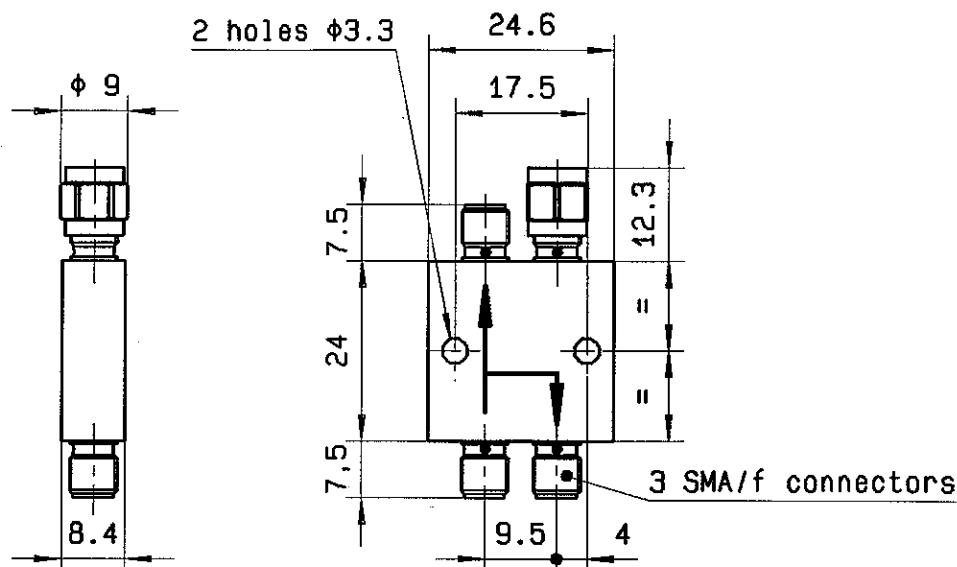
20dB

DIRECTIONAL COUPLER

issue
13.may.93

Page
1 / 1

DRAWING



R F CHARACTERISTICS

General tolerances: ± 0.5 mm

FREQUENCY RANGE	: 4 - 8 GHz
IMPEDANCE	: 50 Ohms
COUPLING	: 20 dB ± 0.3 dB
FREQUENCY SENSITIVITY	: ± 0.8 dB
DIRECTIVITY	: ≥ 17 dB
INSERTION LOSS	: ≤ 0.4 dB
V.S.W.R	- Main line : ≤ 1.20
	- Coupled line : ≤ 1.20
AVERAGE POWER at 25°C	: 50 W
PEAK POWER at 25°C (1 μ s, 1%)	: 3 kW

MECHANICAL CHARACTERISTICS

CONNECTORS	: SMA female per MIL-C 39012
COAXIAL TERMINATION	: 50 Ohms, 1 W
WEIGHT	: < 45 g

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE (°C)	: -25 , +70
STORAGE TEMPERATURE RANGE (°C)	: -25 , +70

QUALITY	MO
Dpt app	B
CREATION	
PEN : CAT	
EP : -----	
Nom : VE	
Date : 13.may.93	

ISSUE

REVISIONS

NAME

RADIALl®

101, Philibert Hoffmann | Phone: 33.1.49353535
- Z.I Ouest - | Fax : 33.1.48546363
93116 ROSNY/BOIS Cedex-FRANCE | Tlx RADIA 235220F