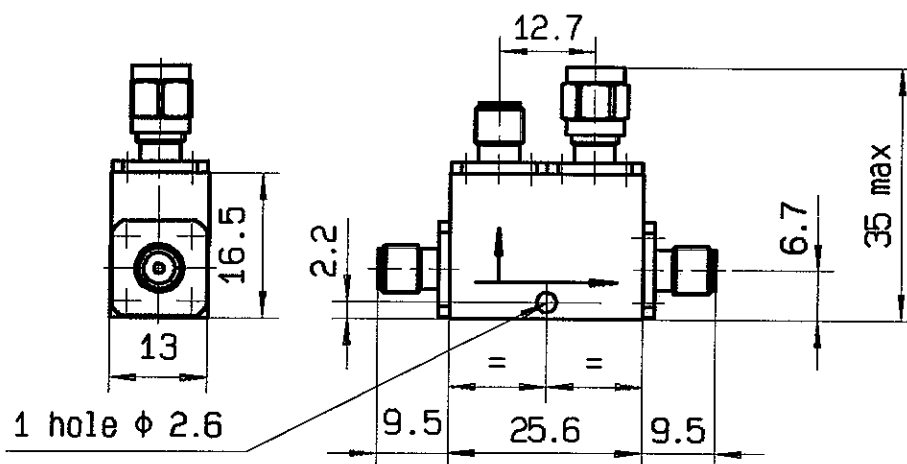




50 W 12.4 - 18 GHz 30dB DIRECTIONAL COUPLER

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R F CHARACTERISTICS

General tolerances: +/- 0.5 mm

FREQUENCY RANGE	:	12.4- 18 GHz
IMPEDANCE	:	50 Ohms
COUPLING (*)	:	30 dB ± 1 dB
FREQUENCY SENSITIVITY	:	± 0.5 dB
DIRECTIVITY	:	>= 15 dB
INSERTION LOSS	:	<= 0.5 dB
V.S.W.R	- Main line	<= 1.35
	- Coupled line	<= 1.45
AVERAGE POWER at 25°C	:	50 W
PEAK POWER at 25°C (1µs,1%.)	:	3 kW

MECHANICAL CHARACTERISTICS

CONNECTORS	:	SMA female	per MIL-C 39012
COAXIAL TERMINATION	:	50 Ohms, 1	
WEIGHT	:	< 30 g	

ENVIRONMENTAL CHARACTERISTICS

OPERATING TEMPERATURE RANGE	(°C)	:	-25 , +85
STORAGE TEMPERATURE RANGE	(°C)	:	-40 , +100

* : Frequency sensitivity is included in coupling

CREATION

N° :
PEN/EP: CAT
Name: TB
Date: 08. jul. 94
APP.: VE

ISSUE

REVISIONS

NAME

APPR.

RADIALl®

101. rue P. Hoffmann - Z.I Ouest-
93116 ROSNY/BOIS Cedex-FRANCE
Phone: 33(1) 49353535
Fax : 33(1) 48546363
Tlx RADIA 235220F