



50 W

4 - 8 GHz

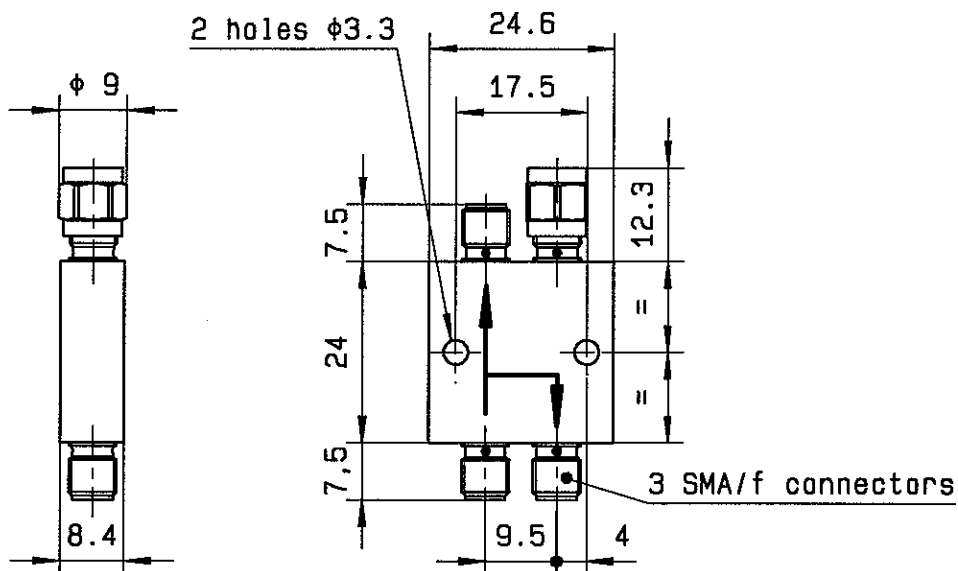
30dB

DIRECTIONAL COUPLER

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DRAWING



R F CHARACTERISTICS

General tolerances: ± 0.5 mm

FREQUENCY RANGE	: 4 - 8 GHz
IMPEDANCE	: 50 Ohms
COUPLING	: 30 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

CREATION

N° :
PEN/EP:CAT
Name:TB
Date:08.feb.95
APP.:VE

ISSUE

REVISIONS

NAME

APPR.

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