

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



RADIALL®
Microwave components

TECHNICAL DATA SHEET

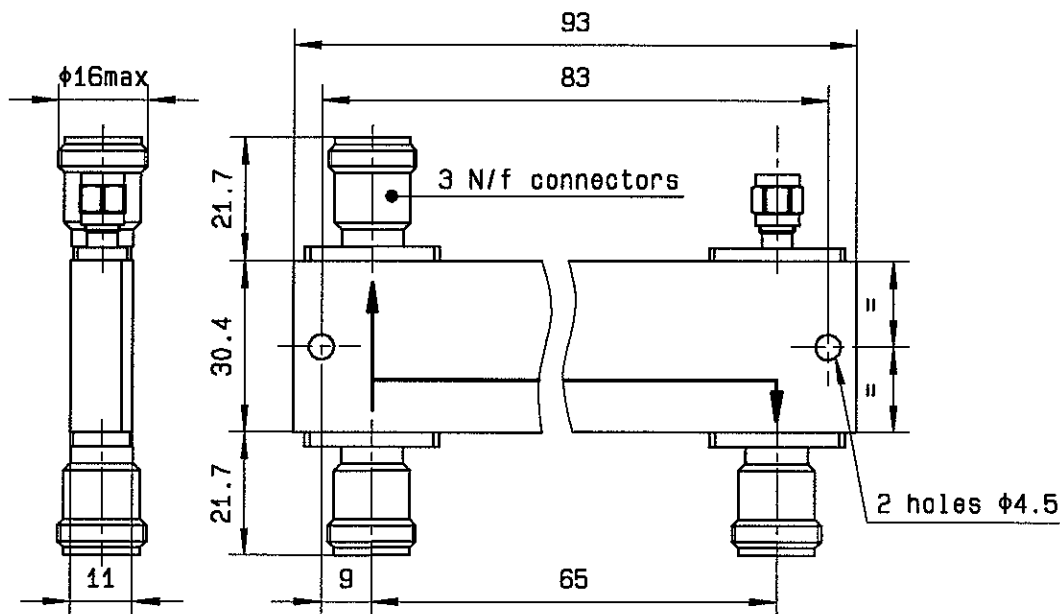
R432372000

300 W 0.5 - 1 GHz 6dB DIRECTIONAL COUPLER

issue
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DRAWING



R F CHARACTERISTICS

General tolerances: +/- 0.5 mm

FREQUENCY RANGE	: 0.5 - 1 GHz
IMPEDANCE	: 50 Ohms
COUPLING (*)	: 6 dB ± 0.3 dB
FREQUENCY SENSITIVITY	: ± 0.8 dB
DIRECTIVITY	: ≥ 25 dB
INSERTION LOSS	: ≤ 2 dB
V.S.W.R	- Main line : ≤ 1.15
	- Coupled line : ≤ 1.15
AVERAGE POWER at 25°C	: 300 W
PEAK POWER at 25°C (1µs,1%.)	: 5 kW

MECHANICAL CHARACTERISTICS

CONNECTORS	: N female per MIL-C 39012
COAXIAL TERMINATION	: 50 Ohms, 1 W
WEIGHT	: < 260 g

ENVIRONMENTAL CHARACTERISTICS

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

* : Frequency sensitivity is included in coupling

CREATION				
N° :				
PEN/EP:CAT				
Name:AF				
Date:19.mar.96				
APP.:VE				
ISSUE	REVISIONS	NAME	APPR.	

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