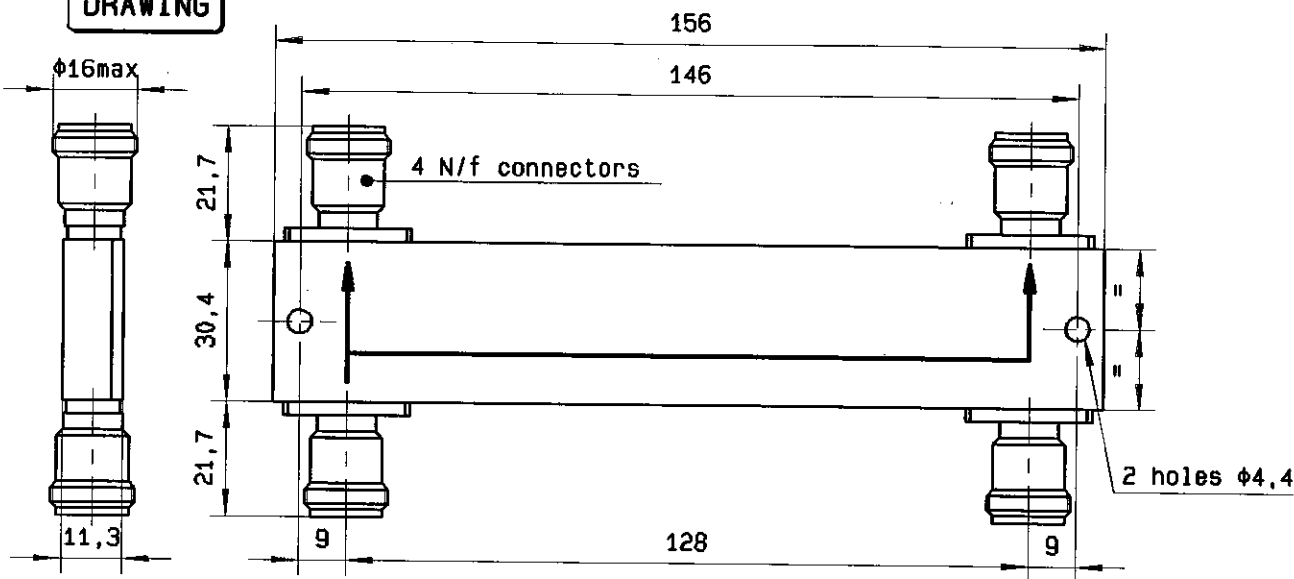


500 W    0.25 - 0.5 GHz    3dB    HYBRID COUPLER

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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

**DRAWING**



**R F CHARACTERISTICS**

General tolerances: +/- 0.5 mm

- FREQUENCY RANGE : 0.25- 0.5 GHz
- IMPEDANCE : 50 Ohms
- NOMINAL COUPLING : 3 dB
- AMPLITUDE BALANCE : ± 0.5 dB
- PHASE BALANCE : 90° ± 5°
- ISOLATION : >= 30 dB
- INSERTION LOSS : <= 0.3 dB
- V.S.W.R : <= 1.15
- AVERAGE POWER at 25°C : 500 W
- PEAK POWER at 25°C (1µs,1%) : 5 kW

**MECHANICAL CHARACTERISTICS**

- CONNECTORS : N female per MIL-C 39012
- WEIGHT : < 370 g

**ENVIRONMENTAL CHARACTERISTICS**

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

QUALITY Dpt app.

R4  
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CREATION  
PEN : CAT  
EP :  
Nom : VE  
Date: 20. sep. 93

ISSUE

REVISIONS

NAME

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