

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

RADIAL®

Microwave components

TECHNICAL DATA SHEET

R432373000

300 W

0.5 - 1 GHz

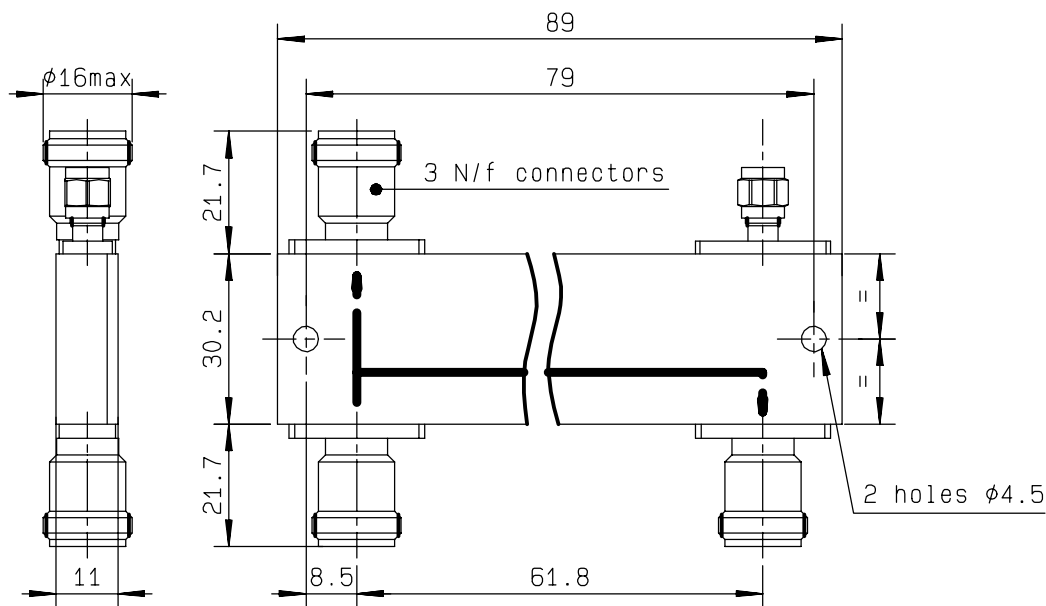
10dB

DIRECTIONAL COUPLER

issue
09.jul.93

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DRAWING



R F CHARACTERISTICS

General tolerances: ± 0.5 mm

FREQUENCY RANGE	:	0.5 - 1 GHz
IMPEDANCE	:	50 Ohms
COUPLING	:	10 dB ± 0.3 dB
FREQUENCY SENSITIVITY	:	± 0.8 dB
DIRECTIVITY	:	≥ 27 dB
INSERTION LOSS	:	≤ 1 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 (1 μ s, 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

QUALITY Dpt app. _____			
CREATION			
PEN : CAT			
EP : -----			
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