



RADIALL

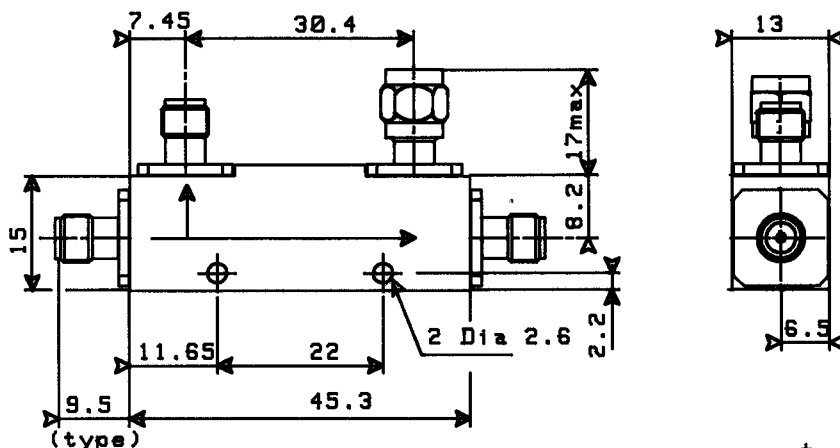
® R433513000

**TECHNICAL
DATA SHEET**

TITLE 10 dB 2 - 8 GHz DIRECTIONAL COUPLER

LTR. **A**

DRAWING:



3 SMA/f connectors

General tolerance: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE : 2 - 8 GHz
 IMPEDANCE : 50 Ohms
 COUPLING (1) : 10 dB \pm 1 dB
 FREQUENCY SENSITIVITY : ± 0.4 dB
 DIRECTIVITY : 20 dB min
 INSERTION LOSS : 1 dB max.
 V.S.W.R. : 1.25 max.
 AVERAGE POWER : 50 W CW at 25°C
 PEAK POWER : 3 kW (1 μ S, 1%) at 25°C

MECHANICAL CHARACTERISTICS:

CONNECTORS : SMA female per MIL C 39012
 TERMINATION (on isolated port) : 50 Ω 1 W
 MAXIMUM WEIGHT : 40 g

ENVIRONMENTAL CHARACTERISTICS:

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

(1) Frequency sensitivity is included in coupling.

PEN

QUALITY Dpt App.

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