



RADIALL
MICRONDE department

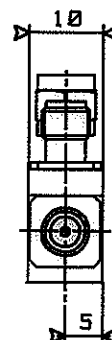
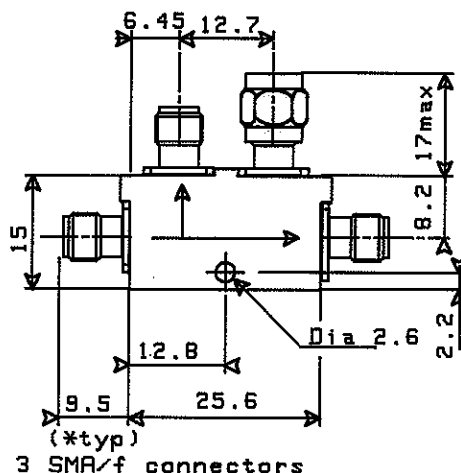
R433614700

**TECHNICAL
DATA SHEET**

TITLE 20 dB 6 - 18 GHz DIRECTIONAL COUPLER

LTR. C

DRAWING:



General tolerance: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE	: 6 - 18 GHz
IMPEDANCE	: 50 Ohms
COUPLING (*)	: 20 dB $\pm$ 1 dB
FREQUENCY SENSITIVITY	: ± 0.5 dB
DIRECTIVITY	: 15 dB mini
INSERTION LOSS	: 0.6 dB max.
V.S.W.R.	: 1.40 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	: 30 g

ENVIRONMENTAL CHARACTERISTICS:

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

(*) Frequency sensitivity is included in coupling.

Tentative data subject to change without notice.

PEN	QUALITY DATA	App.			
	<i>Berthold</i>	B			
PAGE	DATE	NAME	LTR	REVISIONS	DATE APP.
4 1	28/03/88	K. LUCIEN			
			C	Nominal coupling $\rightarrow$ coupling	12/10/90 K.I.
			B	New format	02/08/90 K.I.