



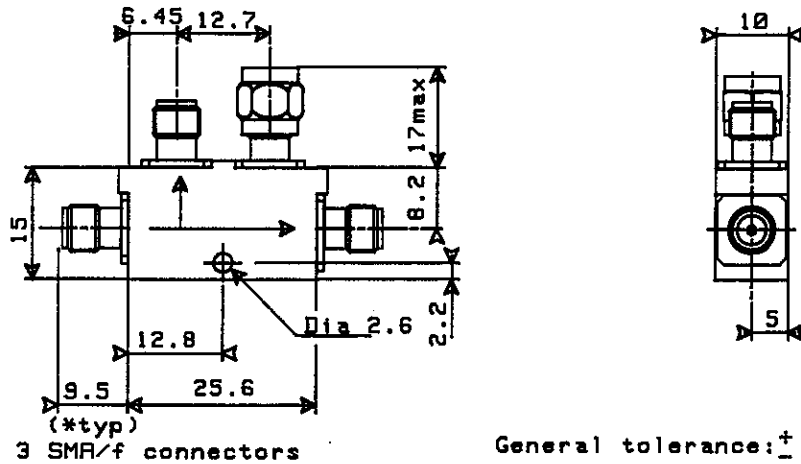
RADIALL® R433723700

TECHNICAL DATA SHEET

TITLE **10 dB 7 - 12.4 GHz DIRECTIONAL COUPLER**

LTR. **C**

DRAWING:



ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE	: 7 - 12.4 GHz
IMPEDANCE	: 50 Ohms
COUPLING (1)	: 10 dB \pm 1 dB
FREQUENCY SENSITIVITY	: \pm 0.5 dB
DIRECTIVITY	: 16 dB mini
INSERTION LOSS	: 1 dB max.
V.S.W.R.	: 1.30 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

(1) Frequency sensitivity is included in coupling.

Tentative data subject to change without notice.

3294 - 9011

PEN	QUALITY Dpt App.				
	MO B	16 SEP 1991			
PAGE 1/1	DATE 28/03/88	NAME K. LUCIEN	LTR	C Nominal coupling -> coupling	29/08/91 K.L.
				B New format	06/07/98 K.L.
REVISIONS				DATE	APP.