



**RADIALL**

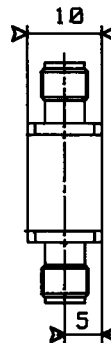
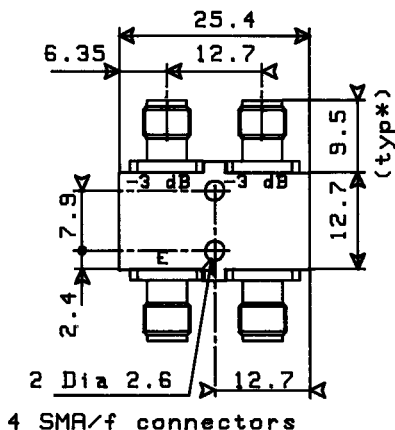
**R 433611700**

**TECHNICAL DATA SHEET**

**TITLE 3 dB 90° 6 - 18 GHz CROSS OVER HYBRID COUPLER**

**LTR. B**

DRAWING:



General tolerance: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE	: 6 - 18 GHz
IMPEDANCE	: 50 Ohms
NOMINAL COUPLING	: 3 dB
INSERTION LOSS	: 0.6 dB max.
AMPLITUDE BALANCE	: ± 0.6 dB max.
PHASE BALANCE	: 90° ± 6°
ISOLATION	: 15 dB mini
V.S.W.R.	: 1.50 max.
AVERAGE POWER	: 30 W CW at 25°C
PEAK POWER	: 3 kW (1µS, 1%) at 25°C

MECHANICAL CHARACTERISTICS:

CONNECTORS	: SMA female per MIL C 39012
MAXIMUM WEIGHT	: 25 g

ENVIRONMENTAL CHARACTERISTICS:

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

Tentative data subject to change without notice.

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PAGE Y 1	DATE 25/03/88	NAME K. LUCIEN	B	New format	02/09/91 K.L
			LTR	<b>REVISIONS</b>	DATE APP.

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