



**RADIALL**

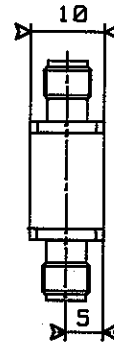
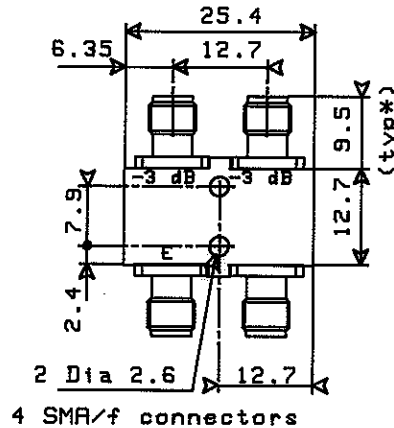
**R433721700**

**TECHNICAL  
DATA SHEET**

**TITLE** 3 dB 90° 7 - 12.4 GHz CROSS OVER HYBRID COUPLER

**LTR.** B

DRAWING:



General tolerance: ± 0.5 mm

ELECTRICAL CHARACTERISTICS:

FREQUENCY RANGE	: 7 - 12.4 GHz
IMPEDANCE	: 50 Ohms
NOMINAL COUPLING	: 3 dB
INSERTION LOSS	: 0.4 dB max.
AMPLITUDE BALANCE	: ± 0.5 dB max.
PHASE BALANCE	: 90° ± 6°
ISOLATION	: 18 dB mini
V.S.W.R.	: 1.35 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.

3294 - 9011

<b>PEN</b>	<b>QUALITY Dpt. App.</b>				
	MO B	18 SEP 1991			
<b>PAGE</b> 1 / 1	<b>DATE</b> 25/03/88	<b>NAME</b> K.LUCIEN	B	New format	02/08/91 K.L.
			<b>LTR</b>	<b>REVISIONS</b>	<b>DATE</b> <b>APP.</b>