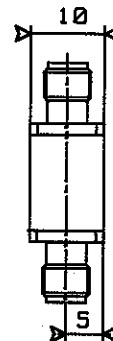
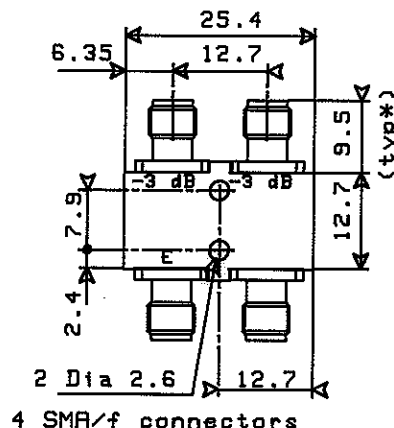


**RADIALL**

®

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	: $90^\circ \pm 6^\circ$
ISOLATION	: 18 dB mini
V.S.W.R.	: 1.35 max.
AVERAGE POWER	: 30 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
MAXIMUM WEIGHT	: 25 g

ENVIRONMENTAL CHARACTERISTICS:

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

PEN

QUALITY Dpt. App.

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B

18 SEP 1991

PAGE
1 / 1**DATE**
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B New format

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