



3 DB 90° 12.4-18 GHZ CROSS OVER HYBRID COUPLER

PAGE 1/2 SERIES COUPLER ISSUE **09-12-19A** PART NUMBER **R433831700** Scale 2:1 25,6 6,4 12,7 9.5 (* Typ.) 8 12,7 2x Ø 2,6 12,8 10 Date Code

All dimensions are in mm. Tolerances according ISO 2768 m-H

Weight Specification **12,1700** g







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ELECTRICAL CHARACTERISTICS

Frequency operating range:	12.4 – 18 GHz
Impedance:	50 Ω
VSWR:	1.40 max.
Nominal Coupling :	3 dB
Insertion Loss:	0.6 dB max.
Isolation :	16 dB mini
Amplitude Balance :	$\pm 0.7 \text{ dB}$
Phase Balance:	90° ±6°
Average Power at 25°C	30W
Peak Power at 25°C	3000W

MECHANICAL CHARACTERISTICS

Connector type: SMA female per MIL-C 39012

ENVIRONMENTAL CHARACTERISTICS

Operating temperature :	-40°C / +100°C
Storage temperature :	-40°C / +100°C