



3 DB 90° 6-18 GHZ CROSS OVER HYBRID COUPLER

PAGE 1/2 SERIES COUPLER ISSUE **22-06-20A** PART NUMBER **R433611700** 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







3 DB 90° 6-18 GHZ CROSS OVER HYBRID COUPLER

PAGE 2 / 2	ISSUE 22-06-20A	SERIES COUPLER	PART NUMBER R433611700
--------------------------	------------------------	-------------------	-------------------------------

ELECTRICAL CHARACTERISTICS

Frequency operating range:	6 – 18 GHz
Impedance:	50 Ω
VSWR:	1.50 max.
Nominal Coupling :	3 dB
Insertion Loss:	0.75 dB max.
Isolation :	15 dB mini
Amplitude Balance :	± 0.6 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