

MODEL A10200

20GHz 30dBm RF Signal Amplifier

Specification

RF CHARACTERISTICS			
RF Connectors:	2.92mm(K)		
Frequency Range:	100kHz to 20GHz		
Gain (in dB):	Min.	Typ.	Max.
100kHz to 100MHz:	11	12	14
100MHz to 3GHz:	12	12.5	13
3GHz to 9GHz:	9	10	11
9GHz to 20GHz:	7	8	9.5
Input Return Loss:	14dB typ. (11dB Min.)		
Output Return Loss:	12dB typ. (8dB Min.)		
P1dB:	27dBm		
Psat:	30dBm		
Output IP3:	38dBm		
Noise Figure:	9dB		
Reverse Isolation:	50dB typ. (40dB Min.)		
Second Harmonic:	23dBc @ Pout +25 dBm		
RF Input Power:	27dBm Max.		
Protection:	Reverse Polarity, Over Voltage, Under Voltage, Over Current, and Open-Short Load		

GENERAL	
Vcc:	20-27V, 24V Nominal
Icc:	450mA typ.
Power Dissipation:	11W typ.
Dimensions:	40 x 30 x 85 mm
Weight:	
Without Package:	110 g
Shipping Weight:	1.25 kg
Temperature:	
Operating:	0°C to +40°C
Storage:	-40°C to +70°C
Warm up time:	15 minutes
Humidity:	85% RH, non-condensing
Safety:	CE Marked, IEC61010-1:2010
EMC:	IEC 61326-1:2013
Calibration:	2 years
Warranty*:	3 year standard * 1 year standard in India



ORDERING INFORMATION	
MODEL	DESCRIPTION
A10200	20GHz 30dBm RF Signal Amplifier

All rights reserved to Tabor Electronics Ltd. Tabor makes no representations nor warranties with respect to the accuracy or completeness of the contents and reserves the right to make changes at any time without notice. Ver 1.3