

D688 series

X-band to 720MHz or 1,200MHz Downconverter

INPUT SPECIFICATION	OPTIONS
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1. Frequency range:	1GHz (max) within 7.0 to 9.0GHz (see model table)	2GHz
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OUTPUT SPECIFICATION

2. Frequency range:	720 ± 200MHz, 720 ± 40MHz, 720 ± 20MHz (check model table)
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Options: 1,200±400MHz, 1,200±300MHz, 1,200±200MHz, 1,200±50MHz

TRANSFER CHARACTERISTICS

3. Gain:	30 to 50dB, adjustable in 0.1dB steps	
4. External reference:	10MHz, 0dBm	5MHz, 0dBm
5. Synthesiser step size:	1kHz	

MISCELLANEOUS

6. Power supply:	115V/230V ±10% 50/60Hz ±10%, 30VA	
7. Mechanical:	1U 19" frame, 400mm deep	
8. Remote control:	RS232/RS485 serial interface	TCP/IP

If you have a real requirement for these or similar products please contact Novella SatComs for a discussion of your needs, full specifications or bespoke solutions.

MODEL TABLE

Input Frequency	Output frequency and bandwidth		
	700 ± 200MHz	720 ± 40MHz	720 ± 20MHz
8.0 - 9.0GHz	D688	D687	D686

Design and manufacture of Satellite Earth Station RF equipment