

U2588 series

720MHz or 1,200MHz to Ka-band Upconverter

INPUT SPECIFICATION	OPTIONS
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|---------------------|----------------------------------------------------------------|--|
| 1. Frequency range: | 720 ± 200MHz, 720 ± 40MHz, 720 ± 20MHz (check model table) | |
| | Options: 1,200±400MHz, 1,200±300MHz, 1,200±200MHz, 1,200±50MHz | |

OUTPUT SPECIFICATION

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|---------------------|-------------------------------------------------|------|
| 2. Frequency range: | 1GHz (max) within 19 to 31GHz (see model table) | 2GHz |
|---------------------|-------------------------------------------------|------|

TRANSFER CHARACTERISTICS

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

MISCELLANEOUS

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|--------------------|------------------------------|--------|
| 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

Output Frequency	Input frequency and bandwidth		
	700 ± 200MHz	720 ± 40MHz	720 ± 20MHz
25 - 26GHz	U2588	U2587	U2586

Design and manufacture of Satellite Earth Station RF equipment