

Model 4800

Block Downconverters

The Model 4800 is a series of Block Downconverters in a Standard 1RU rack mount chassis. Front panel status LEDs display power on, and LNA power enabled.

Model	Input Frequency	Output Frequency	Spectrum
4800-CL *	3.4 - 4.2 GHz	950-1750 MHz	Inverted
4800-XL *	7.25 - 7.75 GHz	950-1450 MHz	Non-Inverted
4800-KdL *	10.7 - 11.7 GHz	950-1950 MHz	Non-Inverted
4800-KeL *	11.7 - 12.75 GHz	950-2000 MHz	Non-Inverted

* Optional DC power available – Please contact factory for details.

Specifications

Input Frequency Range	See Table
Output Frequency Range	See Table
Input Level	-30 to -90 dBm typical
Gain	Factory set - see table
Frequency Sense	See Table
Input Connector	Type "N" Female, 50 ohm
Output Connector	Type "F" Female, 75 ohm
LNA Power	+24 VDC on Input, Switchable
Dimensions	1 RU, 19" x 16" x 1.75"
Prime Input Power	90-260 VAC, 47-63 Hz, auto-sensing, 45 Watts max
Optional DC Power	Contact factory for availability
Weight	10 Lbs



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Valid Options

Gain (Must specify one)

- 2 20 dB Gain.
- 1 10 dB Gain.
- 0 0 dB Gain

Other Frequency Ranges are available.

Please see <http://www.satsyscorp.com> for more information.

Part Numbering

Typical part number 4800-CL0

Base Model	Input Band	Output Band	Gain
4800	C	L	0, 1, or 2



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