

Upconverter

- *Simplifies Installation Process*
- *Additional Channels can be transmitted Over the Same Wire*
- *Different Output Frequencies Available*



Upconverter
product number 5351

OnePath's SDTVplus Upconverter (patent pending) takes the output of an LNB and upconverts one polarity of the DBS signal to a higher frequency bandwidth. The combined frequencies are then sent to the SDTVplus Transmitter.

Besides simplifying the installation process, additional channels can be transmitted over the same wire.

OnePath's upconverters have different channel mapping options to meet the specific needs of any region in the world.

Parameter	Model 5351-70	Model 5351-75
Input Frequency	950 - 1450 MHz	
Number of Inputs	Two (Bypass & Upconverted)	
Bypass Output Frequency	950 - 1450 MHz	
Converted Output Frequency	1520.6 - 2020.6 MHz	1525-2025 MHz
Bypass Conversion Gain	-5 dB (min.)	
Converted Conversion Gain	-2 dB (min.)	
Flatness @ Full Band	1.25 dB (min.)	
Flatness @ any 24 MHz	0.5 dB (min.)	
LO Frequency	570.6 MHz	575 MHz
LO Set Accuracy	± 50 KHz (max.)	
LO Stability (-40° to + 52° C)	± 100 KHz (max.)	
Input 1 dB Compression Point	-11 dBm (min.)	
Phase Noise @ 1 kHz	-62 dBc (max.)	
Phase Noise @ 10 kHz	-85 dBc (max.)	
Phase Noise @ 100 kHz	-100 dBc (max.)	
Phase Noise @ 1 MHz	-110 dBc (max.)	
Return Loss	8 dB (min)	
Input Voltage	16 - 21 VDC	
Current Drain	200 mA (max.)	
Impedance	75 Ω	
Connectors	F-Type/ female.	
Operating Temperature	-20° to + 50° C	
Storage Temperature	-40° to + 60° C	
Physical Dimensions W x H x D in. (cm)	4.6 x 3.3 x 1.1 (11.68 x 8.38 x 2.79)	
Housing	Nickel Plated Zinc	



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