

## LNB Power Supplies



*The final product may vary from the above image depending on the options selected.*

### Products:

<b>DEV 8122/50/2</b>	2 Channel LNB Powering Chassis; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 8122/50/4</b>	4 Channel LNB Powering Chassis; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 8122/75/2</b>	2 Channel LNB Powering Chassis; 950...2150 MHz; 75 Ohm, F (f)
<b>DEV 8122/75/4</b>	4 Channel LNB Powering Chassis; 950...2150 MHz; 75 Ohm, F (f)
<b>DEV 8123/50/2</b>	2 Channel controlled LNB Powering Chassis; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 8123/50/4</b>	4 Channel controlled LNB Powering Chassis; 950...2150 MHz; 50 Ohm, SMA (f)
<b>DEV 8123/75/2</b>	2 Channel controlled LNB Powering Chassis; 950...2150 MHz; 75 Ohm, F (f)
<b>DEV 8123/75/4</b>	4 Channel controlled LNB Powering Chassis; 950...2150 MHz; 75 Ohm, F (f)

### Features:

- ▀ LNB Power Supplies in 19" 1 RU Chassis
- ▀ 2 or 4 Channels
- ▀ Impedance 50 Ohm or 75 Ohm
- ▀ Current Monitoring with adjustable Thresholds (DEV 8123)
- ▀ Redundant Power Supplies

## Technical Data

<b>DEV 8122/zz/x</b>	<b>LNB Powering Chassis</b>
<b>DEV 8123/zz/x</b>	<b>Controlled LNB Powering Chassis</b>
<b>Capacity</b>	
Number of Channels (x)	DEV 8122/zz/2, DEV 8123/zz/2: 2  DEV 8122/zz/4, DEV 8123/zz/4: 4
Outputs per Channel	2 (DC blocked)
<b>RF Specifications</b>	
Frequency Range	950...2150 MHz
Impedance (zz), Connectors	DEV 8122/50/x, DEV 8123/50/x: 50 Ohm, SMA (f)  DEV 8122/75/x, DEV 8123/75/x: 75 Ohm, precision F (f)
Damage Level	+30 dBm
Return Loss	>14 dB
Insertion Loss	DEV 8122/zz/x: <5 dB DEV 8123/zz/x: <4 dB (Inputs vs. primary Outputs) DEV 8123/zz/x: <5 dB (Inputs vs. secondary Outputs)
Flatness	±1.0 dB (over entire Band) ±0.3 dB (in any 36 MHz Interval)
Isolation between Output Ports	>20 dB
<b>LNB Power</b>	
LNB Power	15.5±0.5 V; max. 500 mA per Channel
<b>Current Monitoring (DEV 8123)</b>	
Alarm Threshold Adjustment	Upper and lower Alarm Levels are adjustable for each Channel using a standard Terminal Application via the related RS 232 Interface (Sub D 9 (f) Connector) at the Front Side of the Device.
Alarm indication	via LED and via dry Contacts
<b>Redundant Power Supply</b>	
Supply Voltage	100...240 V AC supplied by two different Lines
Power Consumption	10 VA (without LNB Power)
<b>Dry Contacts</b>	
Alarm Connector	Sub-D-9 (m)
Contact Load	60 V; 300 mA
Two Stage Alarm Signalization for Power Line Failure:	
B-Alarm	One Power Supply Unit is defective.
A-Alarm	All Power Supply Units are defective.
<b>General Specifications</b>	
Size	19" (483 mm) Width, 1 RU (44 mm) Height, 260 mm Depth
Weight	~5 kg
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1E

## Order Information

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### Contact

DEV Systemtechnik GmbH  
Grüner Weg 4A  
61169 Friedberg  
GERMANY  
Phone: +49 6031 6975 100  
Fax: +49 6031 6975 114  
info@dev-systemtechnik.com  
www.dev-systemtechnik.com

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*Technical specifications are subject to change*