

LNB Power Supplies



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

Products:

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

DEV 8122/zz/x	LNB Powering Chassis
DEV 8123/zz/x	Controlled LNB Powering Chassis
Capacity	
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)
RF Specifications	
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
LNB Power	
LNB Power	15.5±0.5 V; max. 500 mA per Channel
Current Monitoring (DEV 8123)	
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
Redundant Power Supply	
Supply Voltage	100...240 V AC supplied by two different Lines
Power Consumption	10 VA (without LNB Power)
Dry Contacts	
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.
General Specifications	
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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Technical specifications are subject to change