DATA SHEET

19” 1RU Power Supply Frame For Optical Modules

Best.nr: 20104386

Contents

19” 1RU Power Supply Frame For Optical Modules – BR-400

Description

Opticis BR-400, 19” 1RU frame is an ideal solution for Opticis optical module products and the systematic fiber-optic needs to adopt up to 8 units of DVI/HDMI/Displayport optical extenders from Opticis securely in place. Each module slot is connected into a central power bus. BR-400 uses 100-240VAC, 50-60Hz of input power for dual powers with load-sharing and redundant backup. Its LEDs are located in the front panel to indicate status and failure of each power supplies. The rack ears of BR-400 are installed on both front and rear up to users’ preference.

*** Note: The optical modules are separately sold.**

Shipping Group

1) BR-400: One (1) unit
2) Module bracket: Eight (8) units
3) Heat Sink: Sixteen (16) units
4) Screw: Sixteen (16) units
5) Power cable for optical module: Eight (8) units
6) User manual: One (1) unit

Optional Products

1) BR-400-IT (BI050S12F02): Power Supply for BR-400 (100-240VAC, 50-60Hz)
2) BR-400-MD (BM050S12F02): Medical Certified Power Supply for BR-400 (100-240VAC, 50-60Hz)

Features

- Compact 19” 1RU Power Supply Frame
- Adopts up to 8 units of Opticis optical modules
- Available for primary and dual power models
- Supports Load-sharing
- Input power: 100-240VAC, 50-60Hz

Applications

- Control room
- Medical imaging
- Conference room

Technical Specifications

	Parameter	Specifications
Electrical	Input power	12.0V / 4.2A (Locking type)
		13.5V / 6.5A (Phoenix type)
	Output power	5.0V / 1.0A
Mechanical	Dimension(W x D x H)	482 x 210 x 44 mm

Absolute Maximum Ratings

Stresses in excess of the absolute maximum ratings can cause permanent damage to the device. These are absolute stress ratings only. Functional operation of the device is not implied at these of any other conditions in excess of those given in the operational sections of the datasheet. Exposure to absolute maximum ratings for extended periods can adversely affect device reliability.

Parameter	Symbol	Min	Max	Unit
Storage Temperature	T_{STG}	-30	70	℃
Supply Voltage	V_{CC}		18	V
Operating Relative Humidity	RH_{OP}	10	85[1)]	%RH
Storage Relative Humidity	RH_{STG}	10	95[2)]	%RH

Note
1), 2) Under the conditions of No drops of dew

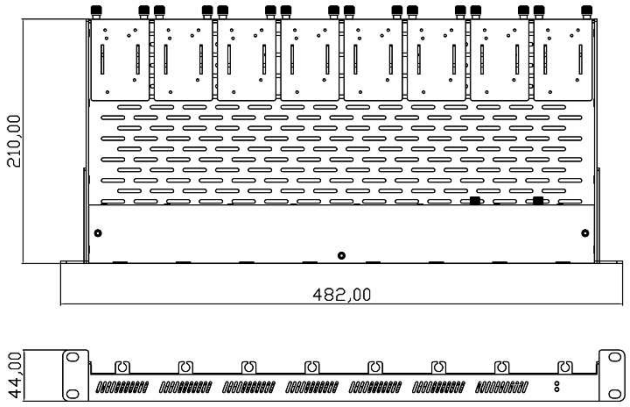
Operating Conditions

Parameter	Symbol	Minimum	Typical	Maximum	Units
Operating Temperature	T_{OP}	0		50	℃
Power Supply Rejection (Note1)	PSR		50		mV_{p-p}
Supply Voltage	V_{CC}	8	12	16	V
Supply Current	I_{CC}			2	A
Power Dissipation	P_{TX}			24	W

Note 1. Tested with a 50 mV_{p-p} sinusoidal signal in the frequency range from 500Hz to 500MHz on the V_{cc} supply with the recommended power supply filter in place. Typically less than a 0.25dB change in sensitivity is experienced.

Drawing

Dimensions [mm]



482x 210 x 44mm(WDH)