NEW

ILC4802
Quad Intelligent LNB-Supply/Control unit

Made
in
Germany

GENERAL

The ILC4802 is an intelligent Quad LNB supply/control unit featuring four active amplifiers with adjustable gain and four internal Bias-Tees/Directional couplers with 13/15/18V, 22kHz supply and current-monitoring (400mA) with alarm shut-off function for max. 4 LNB´s while the DC-supply and amplification for the LNB´s can be configured locally and remotely. The unit is available in a compact and space-saving 1RU/19" rack-mount chassis also providing 1:1 power supply redundancy (hot swappable). An integrated RF-power detector measures the RF output-power with 70dB dynamic range within all four amplifiers while the unit is also equipped with four front-side monitoring ports (-20dB). Local control of the device can be done via the front side LC-Display/keypads while colored status LED´s indicating various device statuses. Remote access and configuration can be realized via its Ethernet-interface (WEB-GUI, SNMP). The unit is ideally suited for LNB-supply/control purposes in Satellite-, Broadcast and Broadband communication architectures such as Teleports, Satellite Earth-Stations, Broadcast facilities and CATV/IPTV headend platforms. The ILC4802 is available with 50Ohm SMA(f) or 75Ohm F(f) connectors (see order information).

FEATURES

- Space saving 1RU/19" design
- Compact LNB-powering/control for up to 4 LNB´s
- Frequency range 950...2.150MHz
- Available with 50Ohm SMA(f) or 75Ohm F(f) connect.
- 4 Active amplifiers with adjustable gain (-15...+15dB)
- Switchable LNB-power 13/15/18V, 22kHz
- Current monitoring 400mA (alarm shut-off function)
- 4 monitoring ports (-20dB) at front-side
- 2 RF-outputs @ each ILC4802-M module
- RF-power monitoring
- Adjustable min. threshold alarm for RF-power
- Excellent RF performance and stability
- Front side control LC-Display/keypads
- Remote access & configuration via 100Mbit Ethernet-Interface (WEB-GUI/SNMPv2c)
- Front-side status LED´s
- 1:1 redundant power-supply (hot-swappable)

ORDER INFORMATION

- **ILC4802:** Intelligent QUAD LNB-supply/control unit, 1RU/19", 50Ohm SMA(f)
- **ILC4802-75:** Intelligent QUAD LNB-supply/control unit, 1RU/19", 75Ohm F(f)

TECHNICAL SPECIFICATIONS

Dimensions:	1RU/19"
Power supply:	85...230V, 50/60Hz 1:1 redundant (hot-swapp.)
Power consumption:	<10W
LNB-power/control:	for max. 4 LNB´s
Frequency range:	950...2150MHz
Input/Output connector:	50Ohm SMA(f) or 75Ohm F(f)
LNB-power:	13/15/18V, 22kHz
LNB current monitoring:	400mA
Measuring port:	4 x -20dB, 50Ohm SMA(f)
Adjustable gain:	-15...+15dB (MGC/AGC)
RF power monitoring:	70dB dynamic range
In-/Output return loss:	16dB typ.
Frequency response:	±0,5dB typ., ±1,0dB max.
Local control:	LC-Display/keypads
Remote control:	100Mbit Ethernet-Interface (WEB-GUI, SNMPv2c)
Status monitoring:	Front-side LED´s
Operating temperature:	0...45°C
Storage temperature:	-10°C...70°C
Humidity:	90% non-condensing

- **NEXT PAGE:** Standard QUAD LNB-Supply unit

Quad Intelligent LNB-Supply/Control

SLC4402
Quad Standard LNB-Supply unit

NEW

Made
in
Germany

GENERAL

The SLC4402 is a standard Quad LNB-supply unit featuring four internal Bias-Tees with 13/15/18V, 22kHz supply and current-monitoring (400mA) with alarm shut-off function for max. 4 LNB´s while the DC-supply for the LNB´s can be configured locally and remotely. The unit is available in a compact and space-saving 1RU/19" rack-mount chassis also providing 1:1 power supply redundancy (hot swappable). Local control of the unit can be done via front-side LC-Display/keypads while colored status LED´s indicating various device statuses. Remote access and configuration can be realized via its Ethernet-interface (WEB-GUI, SNMP). The unit represents a compact and reliable LNB-supply solution and is ideally suited for applications in Satellite-, Broadcast and Broadband communication architectures such as Teleports, Satellite Earth-Stations, Broadcast facilities and CATV/IPTV headend platforms. The SLC4402 is available with 50Ohm SMA(f) or 75Ohm F(f) connectors (see order information).

FEATURES

- Space saving 1RU/19" design
- Compact and reliable LNB-supply for up to 4 LNB´s
- Frequency range 950...2.150MHz
- Available with 50Ohm SMA(f) or 75Ohm F(f) connect.
- Switchable LNB-power 13/15/18V, 22kHz
- Current monitoring 400mA (alarm shut-off function)
- Excellent RF performance and stability
- Front side control LC-Display/keypads
- Remote access & configuration via 100Mbit Ethernet-Interface (WEB-GUI/SNMPv2c)
- Front-side status LED´s
- 1:1 redundant power-supply (hot-swappable)

ORDER INFORMATION

- **SLC4402:** Standard QUAD LNB-supply unit 1RU/19", 50Ohm SMA(f)
- **SLC4402-75:** Standard QUAD LNB-supply unit 1RU/19", 75Ohm F(f)

TECHNICAL SPECIFICATIONS

- **Dimensions:** 1RU/19"
- **Power supply:** 85...230V, 50/60Hz 1:1 redundant (hot-swapp.)
- **Power consumption:** <10W
- **LNB-supply:** for max. 4 LNB´s
- **Frequency range:** 950...2150MHz
- **Input/Output connector:** 50Ohm SMA(f) or 75Ohm F(f)
- **LNB-power:** 13/15/18V, 22kHz
- **LNB current monitoring:** 400mA
- **Insertion loss:** 1dB max.
- **In-/Output return loss:** 16dB typ.
- **Frequency response:** ±0,5dB max.
- **Local control:** LC-Display/keypads
- **Remote control:** 100Mbit Ethernet-Interface (WEB-GUI, SNMPv2c)
- **Status monitoring:** Front-side LED´s
- **Operating temperature:** 0...45°C
- **Storage temperature:** -10°C...70°C
- **Humidity:** 90% non-condensing

Quad Standard LNB-Supply unit