




# LED Description

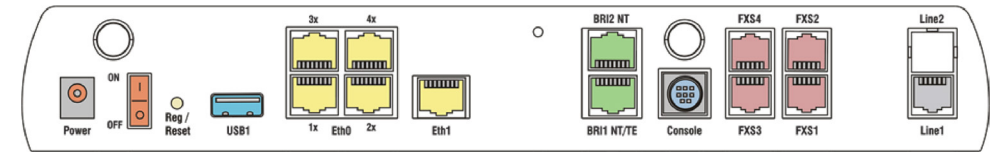
| Function/<br>LED Color   | OFF                                 | ON  | BLINKING   |
|--|-------------------------------------|---|--|
| <b>LINE</b><br> | No xDSL connection                  | ADSL line connected to the CO   | Connected line and In/Out IP traffic over the WAN  |
|  |                                     | Connected line. Waiting for receiving the gateway address from IPCP or DHCP server on the WAN | ADSL physical layer set up or failed connection (no line).                               |
| <b>WIFI</b>  | WIRELESS interface is down          | WIRELESS service activated  | In/Out WIRELESS IP traffic   |
| <b>ETH1</b>  | No device connected                 | Ethernet device connected to the port   | In/Out IP traffic on the WAN   |
| <b>ETH0</b><br>1, 2, 3, 4  | No device connected                 | Ethernet device connected to the port   | In/Out IP traffic on the LAN   |
| <b>USB</b>   | No device connected                 | Device connected and recognized   | Device under recognition phase. If the flash persists, the device does not work properly |
| <b>BRI</b><br>1, 2   | Line unregistered to the SIP server | Line registered to the SIP server   | N / A  |
| <b>FXS</b><br>1, 2, 3, 4   | Line unregistered to the SIP server | Line registered to the SIP server   | N / A  |
| <b>POWER</b>   | CPE turned off                      | CPE turned on, completed startup  |  |
|  |                                     |   | CPE startup after turning on or restart  |

LED Colors are: Green , Red and Orange

CO: Central Office

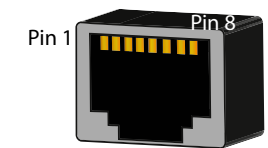
CPE: Customer Premises Equipment

## Connectors, Pin-out, Cables



| Interface | Description        | Connector  | Functionality                     |
|-----------|--------------------|------------|-----------------------------------|
| ADSL      | Line1              | RJ11       | xDSL Line connection              |
| Console   | Console            | MiniDIN 8P | RS232 Local Management            |
| FE        | Eth0, Eth1         | RJ45       | LAN, WAN                          |
| ISDN      | BRI1 NT/TE-BRI2 NT | RJ45       | TE or NT for ISDN PABX Connection |
| FXS       | FXS1-4             | RJ11       | Analog TE Connection              |

### RJ 45 Pin - out

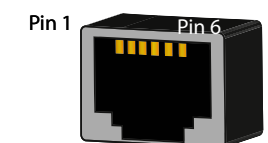


| BRI ISDN Ports | FE Ports |
|----------------|----------|
|----------------|----------|

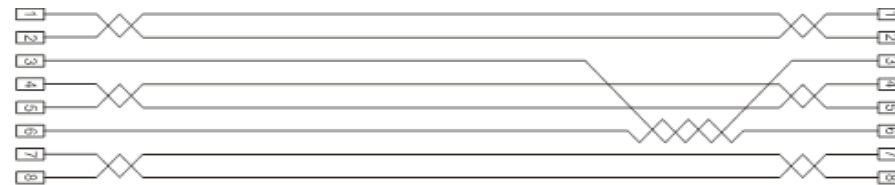
- |              |               |        |              |
|--------------|---------------|--------|--------------|
| Pin 1,2,7,8: | Non connected | Pin 1: | White orange |
| Pin 3:       | Rx (+)        | Pin 3: | White green  |
| Pin 4:       | Tx (+)        | Pin 4: | Blu          |
| Pin 5:       | Tx (-)        | Pin 5: | White blu    |
| Pin 6:       | Rx (-)        | Pin 6: | Green        |
|              |               | Pin 7: | White brown  |
|              |               | Pin 8: | Brown        |

| ADSL Ports | RJ11 Pin - out |
|------------|----------------|
|------------|----------------|

- |             |               |
|-------------|---------------|
| Pin 1,2,5,6 | Non connected |
| Pin 3,4     | Connected     |
- 
- | FXS Ports   |               |
|-------------|---------------|
| Pin 1,2,5,6 | Non connected |
| Pin 3,4     | Connected     |



BRI ISDN Cable straight NT configuration



BRI ISDN Cable cross TE configuration

