



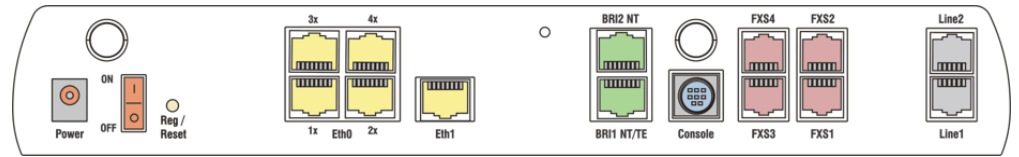


LED Description

Function/ LED Color	OFF	ON	BLINKING
LINE	N / A	ShDSL line connected to the CO	ShDSL physical layer set up or failed connection (no line)
	Bridge mode or no xDSL connection	xDSL line startup	Connected line and In/Out IP traffic over the WAN
	WIRELESS interface is down	WIRELESS service activated	In/Out WIRELESS IP traffic
LAN 1, 2, 3, 4	No device connected	Ethernet device connected to the port	In/Out IP traffic on the LAN
FXS1, 2, 3, 4 LES Service	Free line	Busy line	Short blinking during ringing phase
FXS1, 2, 3, 4 VoIP Service	Line unregistered to the SIP server	Line registered to the SIP server	N / A
BRI1, 2 LES Service	ISDN layer 1 not activated	ISDN layer 1 activated	N / A
BRI1, 2 VoIP Service	Line unregistered to the SIP server	Line registered to the SIP server	N / A
EMERG	Mains power off. CPE is powered by the backup batterie Note 1	Mains power on.	Mains power on
RDY (FAIL)	N / A	Startup completed successfully	Fast-3Hz CPE does not work properly
PWR	CPE turned off	CPE turned on, completed startup	N / A

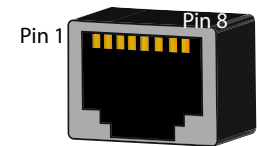
LED Colors are: Green and Red
 CPE: Customer Premises Equipment
 Note 1: Only if PBU backup option is present

Connectors, Pin-out, Cables



Interface	Description	Connector	Functionality
ShDSL	Line1, 2	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
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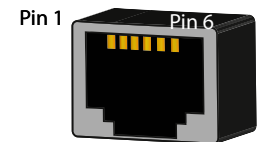
- | | | | |
|--------------|---------------|--------|--------------|
| Pin 1,2,7,8: | Non connected | Pin 1: | White orange |
| Pin 3: | Rx (+) | Pin 3: | White green |
| Pin 4: | Tx (+) | Pin 4: | Blu |
| Pin 5: | Tx (-) | Pin 5: | White blu |
| Pin 6: | Rx (-) | Pin 6: | Green |
| | | Pin 7: | White brown |
| | | Pin 8: | Brown |

ShDSL Ports	RJ11 Pin - out
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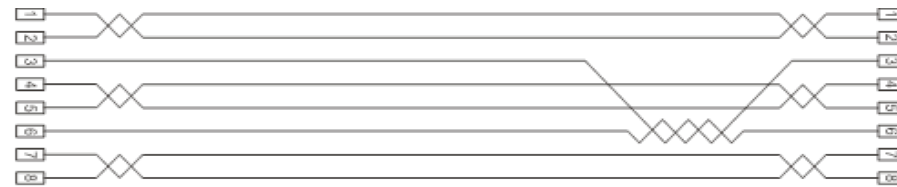
- | | |
|-------------|---------------|
| Pin 1,2,5,6 | Non connected |
| Pin 3,4 | Connected |

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

