



## LED Description

Function/ LED Color	OFF	ON	BLINKING
LINE	N / A	N / A	N / A
INTERNET	Bridged mode or no xDSL connection	WAN line connected, no IP traffic	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	N / A
WIFI	WIRELESS interface is disabled	WIRELESS service activated	In/Out WIRELESS IP traffic
ETH1	No device connected	Ethernet device connected to the port	In/Out IP traffic on the WAN
ETH0 1, 2, 3, 4	No device connected	Ethernet device connected to the port	In/Out IP traffic on the LAN
USB 1,2	No device connected	Device connected and recognized	Device under recognition phase. If the flash persists, the device does not work properly
BRI 1, 2, 3, 4	Line unregistered to the SIP server	Line registered to the SIP server	N / A
FXS 1, 2, 3, 4	Line unregistered to the SIP server	Line registered to the SIP server	N / A
MODULE	ShDSL/VX Module not configured	Line(s) connected to the CO, 1 line at least	ShDSL physical layer set up or failed connection (no line).
POWER	CPE turned off	CPE turned on, completed startup	CPE startup after turning on or restart

LED Colors are: Green and Red

CO: Central Office

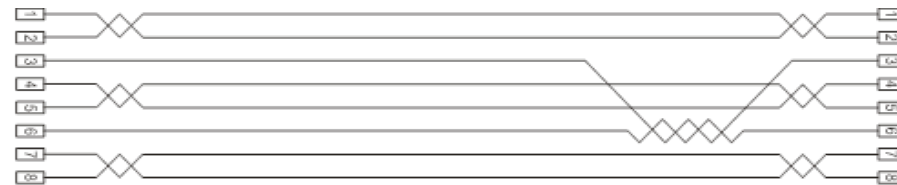
CPE: Customer Premises Equipment

## Connectors, Pin-out, Cables

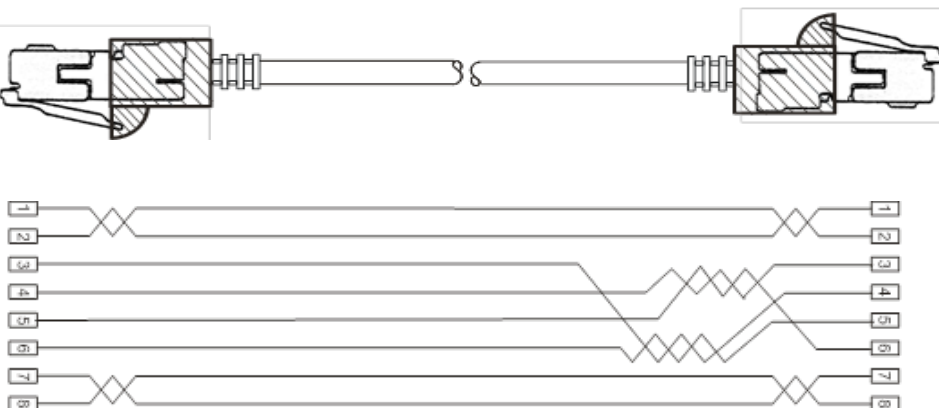


Interface	Description	Connector	Functionality
ShDSL	L1 - L2	RJ11	xDSL Line connection
Console	Console	RJ45	RS232 Local Management
GbE	Eth0, Eth1	RJ45	LAN, WAN
ISDN	BRI1 - 4	RJ45	TE or NT for ISDN PABX Connection
FXS	FXS1-4	RJ11	Analog TE Connection
FXO	FXO1	RJ11	POTS Line Connection

BRI ISDN Cable straight NT configuration



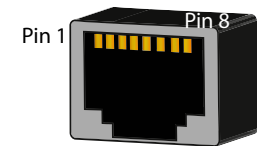
BRI ISDN Cable cross TE configuration



### Console Port

- Pin 1,2,7,8: Non connected
- Pin 3: TX
- Pin 4,5: Ground
- Pin 6: RX

### RJ 45 Pin - out



### BRI ISDN Ports

- Pin 1,2,7,8: Non connected
- Pin 3: Rx (+)
- Pin 4: Tx (+)
- Pin 5: Tx (-)
- Pin 6: Rx (-)

### GbE Ports

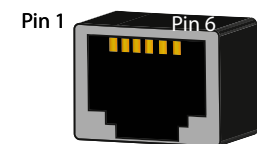
- Pin 1: White orange
- Pin 3: White green
- Pin 4: Blu
- Pin 5: White blu
- Pin 6: Green
- Pin 7: White brown
- Pin 8: Brown

Note: Console Port in "Aux" working mode, use RJ45-RJ45 cable with inverted pin (1-8, 2-7, 3-6, 4-5)

### ShDSL Ports

- Pin 1,2,5,6: Non connected
- Pin 3,4: Connected

### RJ11 Pin - out



### FXS/FXO1 Ports

- Pin 1,2,5,6: Non connected
- Pin 3,4: Connected