aethra telecommunications ®

SV3242-VX

LED Description

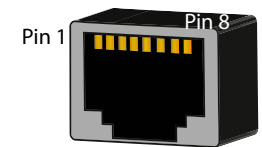| Function/ LED Color	OFF	ON	BLINKING
🌐	Bridged mode or no xDSL connection	CPE startup	Connected line and In/Out IP traffic over the WAN
📶	WIRELESS interface is down	WIRELESS service activated	In/Out WIRELESS IP traffic
LAN 1, 2, 3, 4	No device connected	Ethernet device connected to the port	In/Out IP traffic on the LAN
FXS 1, 2, 3 , 4	Line unregistered to the SIP server	Line registered to the SIP server	N / A
V/X	N / A	N / A	Connected line and In/Out IP traffic over the VX
BRI 1, 2	Line unregistered to the SIP server	Line registered to the SIP server	N / A
EMERG	Mains power off. CPE is powered from backup batterie, only if PBU option is present	Mains power on	Mains power on
RDY (FAIL	N / A	Startup successfully completed	Fast - 3 Hz CPE does not work properly
POWER	CPE turned off	CPE turned on, completed startup	N / A

LED Colors are: Green and Red

CPE: Customer Premises Equipment

SV3242-VX

Connectors, Pin-out, Cables
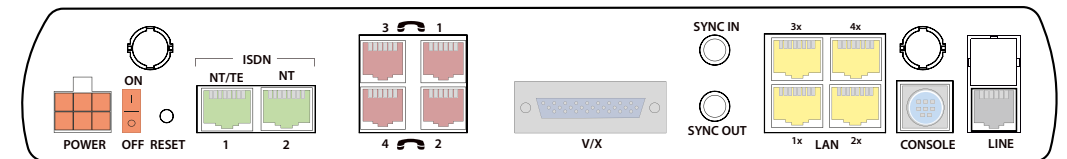
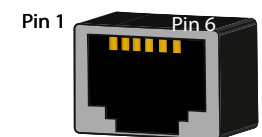| Interface	Description	Connector	Functionality
ADSL	Line	RJ11	xDSL Line connection
Console	Console	MiniDIN 8P	RS232 Local Management
FE	LAN	RJ45	LAN
V/X	VX	Sub-D 26 pin	VX Multiprotocol Serial
ISDN	BRI1 NT/TE-BRI2 NT	RJ45	TE or NT for ISDN PABX Connection
FXS	FXS1-4	RJ11	Analog TE Connection

BRI ISDN Cable straight NT configuration
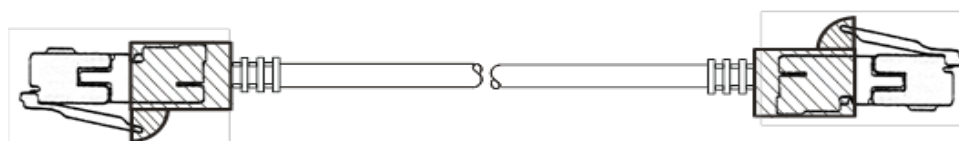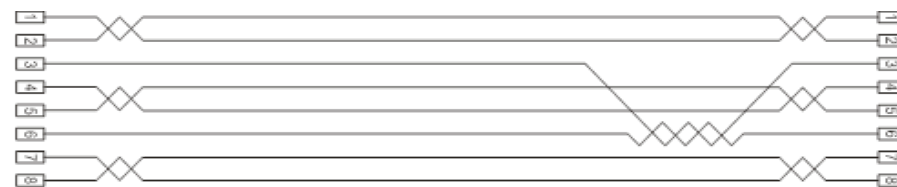
BRI ISDN Cable cross TE configuration

RJ 45 Pin - out

Pin 1   Pin 8

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

RJ11 Pin - out

Pin 1   Pin 6

V/X Port

Interface	Aethra code Cable Adaptors
V.11/X.21	506G17659
V.35	506G17655
RS449 (V.36)	506G17657

V/X interface is used as DTE through optional cable adaptors to support V.35, V.11/X.21 and RS449 (V.36) standards