

OPCOM3500E-SHDSL-2Wx8 Module G.SHDSL in MSAP System

The OPCOM3500E-SHDSL-2Wx8 is a module inserted in MSAP system OPCOM3500E-12 or OPCOM3500E-6. On the panel of OPCOM3500E-SHDSL-2Wx8 module there are two RJ45 interfaces and eight group LEDs which indicate the status of eight 2-wire G.SHDSL ports. Each RJ45 interface contains four 2-wire G.SHDSL ports. OPCOM3500E-SHDSL-2Wx8 uses TC-PAM (Trellis Code – Pulse Amplitude Modulation) technology to connect with remote G.SHDSL CPE devices and convert the remote services including E1, FE and V.35 to E1 signal in this card. E1 signal is flexible of fractional and transparent mode and speed of each E1 can be configured to (3-32)x64Kbps separately without influence of each other. By accompanying with STM-1 or STM-4 aggregation card in OPCOM3500E system the aggregation of the remote services including E1, V.35 and fast Ethernet to STM1 or STM4 can be realized through 2 to 16-wire copper cable. These services can be cross connected with the granularity of 2Mbps in the OPCOM3500E system. Otherwise by deploying EOP series card together in OPCOM3500E system the aggregation of remote FE services to local FE or GE can also be realized. Please refer to the OPCOM3500E-12 datasheet for the detail information of these EOP or GE cards in OPCOM3500E system.

By using Raisecom's NNM network management system, both local and remote management can be implemented. All user configurable parameters can be set and monitored through NNM system.

Feature

Main Features:

- Provides eight 2-wire G.SHDSL ports in two RJ45 interfaces
- Support LED indicator on front panel for alarms indication.
- Operates at multiple data rates (3-32)x64Kbps on each one pair cable
- Provides extensive diagnostics, including loopbacks, G.shdsl performance monitoring.
- Support internal and external loopback of G.SHDSL ports
- Support fault pass through function from line to client and from remote client to local client
- Support BERT (Bit Error Rate Test) function
- SNMP available for 19" Rack mountable 6U OPCOM3500E-12 and 3U OPCOM3500E-6 chassis.
- Support transmission quality monitor in NMS: ES, SES, UAS from one to 96 15-minute one to seven and 24-hour

System applications:

Aggregation of remote G.SHDSL CPE device of E1, FE and V.35 service.

Line Interface

Type	RJ45 connector, 2-wire unconditioned dedicated line (twisted pair)
Lind coding	Trellis Coded Pulse Amplitude Modulation (TC-PAM)
Standard	ITU-T G.991.2



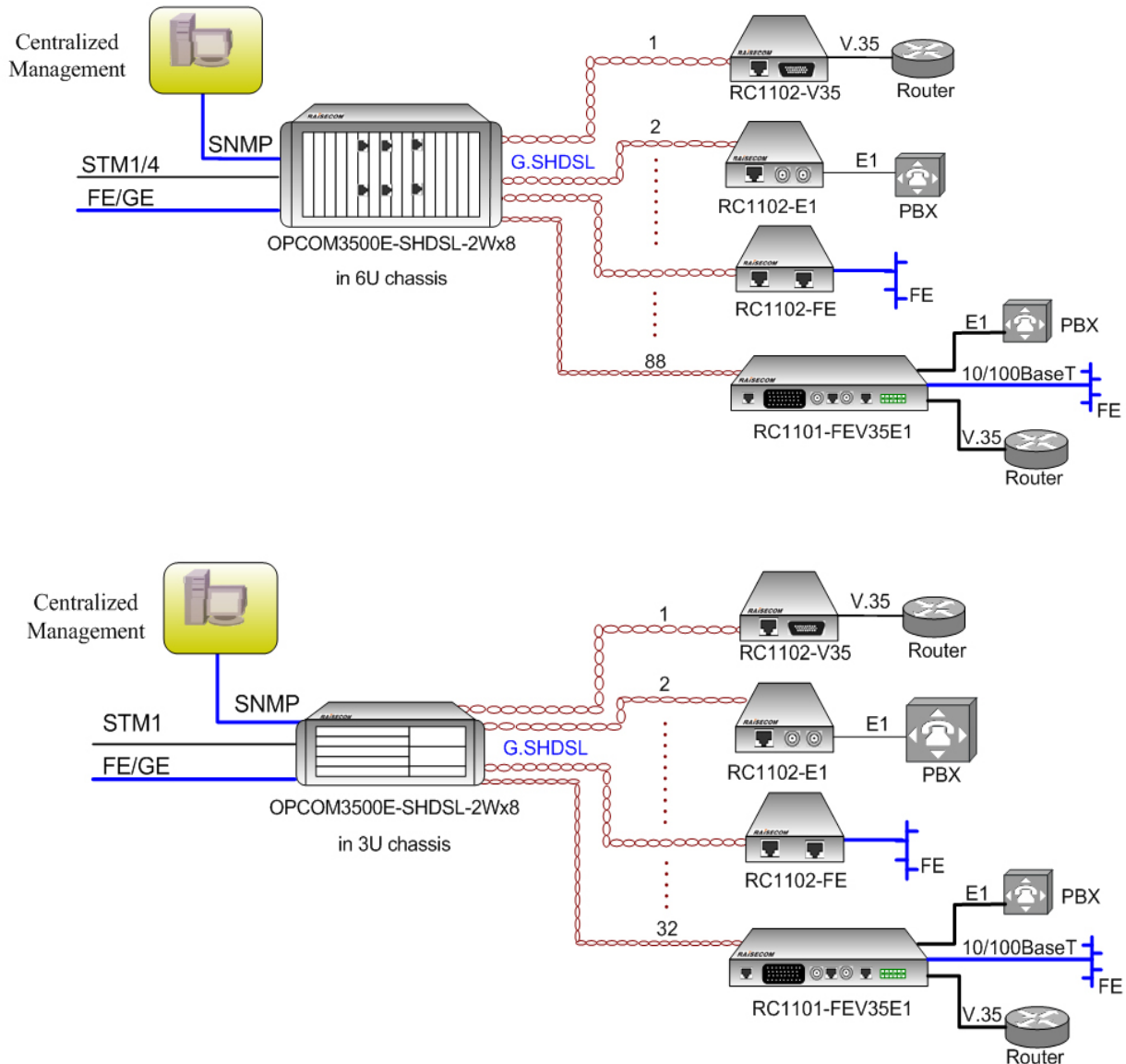
Specification

Interface	eight G.SHDSL ports in two RJ45 interfaces
LED	Interface status and system status can be displayed on front panel
Ambiance	
Working temperature	-5-50 degree centigrade
Storage temperature	-40-75 degree centigrade
Humidity	<=90% (35 centigrade)
Power Consumption	<15W
Dimension (mm)	
Module	(WxHxD): 240x 25x 225
6U chassis	(WxHxD) :480x 267 x 248
3U chassis	(WxHxD) :440x 131 x 248

Compliance

ITU-T G.991.2

Typical Application



Ordering Information

OPCOM3500E-SHDSL-2Wx8 Module of OPCOM3500E system, provides eight 2-wire G.SHDSL ports to connect with remote G.SHDSL CPE device of E1, FE and V.35 service.