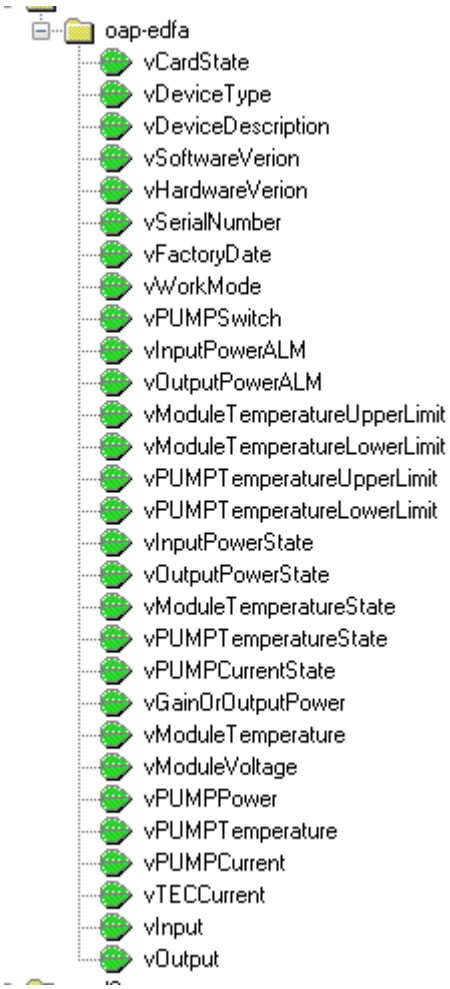
一、SNMP configuration information

The community of SNMP: write community: private; read community: public

The version of SNMP: SNMPV1。

If want to configure community of SNMP, please use Simple management tool to configure.

二、MIB instruction of EDFA



A、Monitor variables of EDFA are as follows:

(1)vCardState: Whether EDFA is online

(2)vDeviceType: Board type of EDFA

(3)vDeviceDescription: Board description of EDFA

(4)vSoftwareVerion: Software Version of EDFA

(5)vHardwareVerion: Hardware Version of EDFA

(6)vSerialNumber: Serial Number of EDFA

(7)vFactoryDate: Factory Date of EDFA

(8)vWorkMode: Work mode of EDFA(acc(1): ACC; apc(2): APC; agc(3): AGC)

(9)vPUMPSwitch: State of PUMP(on(0): Open; off(1): Close)

(10)vInputPowerALM: Alarm threshold of input power(For example: -3100 represents alarm threshold of input power is -31.00dBm)

(11)vOutputPowerALM: Alarm threshold of output power(For example: -1600 represents

alarm threshold of output power is -16.00dBm)

(12)vModuleTemperatureUpperLimit: Alarm upper limit of module temperature

(13)vModuleTemperatureLowerLimit: Alarm lower limit of module temperature

(14)vPUMPTemperatureUpperLimit: Alarm upper limit of pump temperature

(15)vPUMPTemperatureLowerLimit: Alarm lower limit of pump temperature

(16)vInputPowerState: Alarm state of input power(alarm(0): alarm; normal(1): normal).

(17)vOutputPowerState: Alarm state of output power(alarm(0): alarm; normal(1): normal)

(18)vModuleTemperatureState: Alarm state of temperature module(alarm(0): alarm; normal(1): normal)

(19)vPUMPTemperatureState: Alarm state of PUMP temperature (alarm(0): alarm; normal(1): normal)

(20)vPUMPCurrentState: Alarm state of PUMP current(alarm(0): alarm; normal(1): normal)

(21)vGainOrOutputPower: Gain or out power of setting (If type of EDFA is AGC, then get gain, if type of EDFA is APC, then get out power)

(22)vModuleTemperature: Module temperature of EDFA(For example: 2750 represents module temperature is 27.5℃)

(23)vModuleVoltage: Module voltage of EDFA(For example: 525 represents module voltage is 5.25V

(24)vPUMPPower: Pump power of EDFA(For example: 1133 represents pump power is 11.33dBm)

(25)vPUMPTemperature: Pump temperature of EDFA(For example: 2480 represents pump temperature is 24.8℃)

(26)vPUMPCurrent: Pump current of EDFA(For example:4850 represents pump current is 48.5mA)

(27)vTECCurrent: Refrigerant current of EDFA(For example:-16600 represents refrigerant current is -166mA)

(28)vInput: Input power of EDFA(For example:-5000 represents input power is -50dBm)

(29)vOutput:Output power of EDFA(For example:-5000 represents output power is -50dBm)

B、Set variables of EDFA are as follows:

(1) vInputPowerALM :Alarm threshold of input power(For example: -3100 represents alarm threshold of input power is -31.00dBm).

(2) vOutputPowerALM:Alarm threshold of output power(For example: -1600 represents alarm threshold of output power is -16.00dBm).

(3) vGainOrOutputPower :Gain or out power.

C、Trap of EDFA

(1) When input power is lower than alarm threshold, equipment will upload a alarm Trap about input power.

(2) When output power is lower than alarm threshold, equipment will upload a alarm Trap about output power.

(3) When module temperature beyond alarm range, equipment will upload a alarm Trap about module temperature.

(4) When bump temperature beyond alarm range, equipment will upload a alarm Trap about bump temperature.

(5) When bump current beyond alarm range, equipment will upload a alarm Trap about bump

current.