

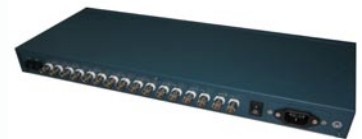
## RC831 PDH Optical Multiplexer

### RC831-240 8E1 capacity

Main Feature	4 E1 ports and one optical port UP and Down ports for SNMP management and cascade ALS function Dying Gasp function Local and remote alarm indicator Local and remote loop-back function
Optical Port	Code: Scrambled NRZ 150Mbps, SC or FC connector
E1 Port	Date rate: 2048Kbps+/-50ppm Code: HDB3 RC831-240: 75ohm unbalanced BNC interface RC831-240-BL: 120ohm balanced RJ45 interface Complied with ITU-T G.703, ITU-T G.704 and ITU-T G.823
UP port	SNMP network management and cascade
Down port	port: RJ45 Complied with RS232 standard Rate: 19200bps



RC831-240/240-BL front panel

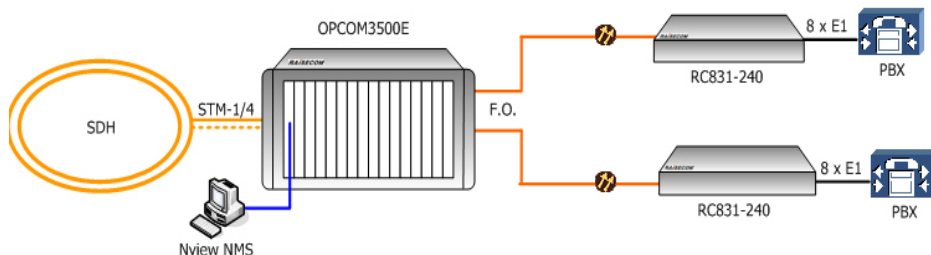
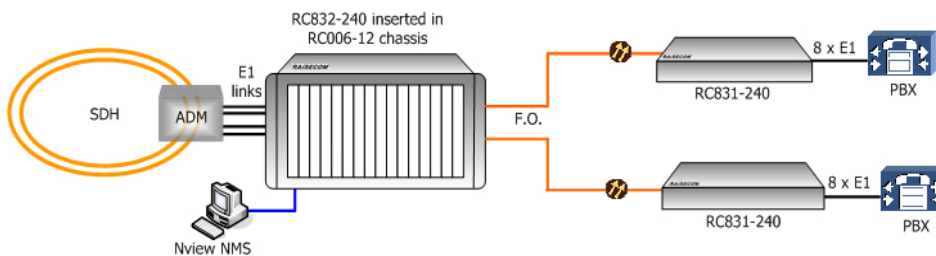
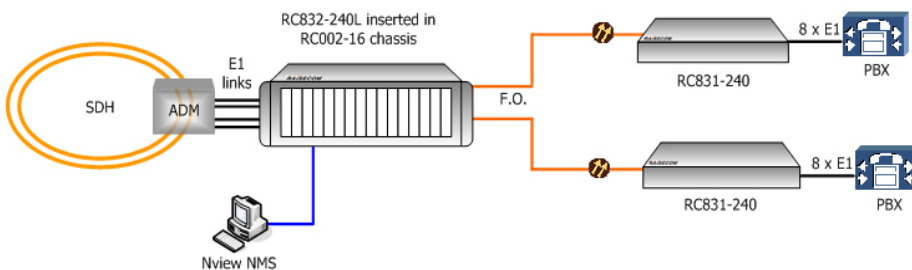
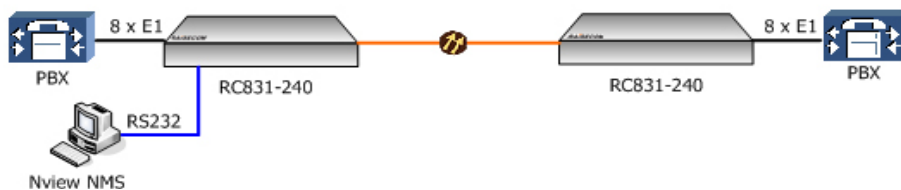


RC831-240 rear panel



RC831-240-BL rear panel

### Application



### Specification

Power Supply	AC,DC and WP optional AC:100~240V, 50Hz DC: -48V (-36~-72V) +24V(+18~+36V) WP: -36Vdc~ +240Vac Power consumption: <10W
Ambience	Working temperature: 0~45 degree centigrade Working humidity: <= 90% (25 degree centigrade) Storage temperature: -40~80 degree centigrade Storage humidity: 5%~90% (non-condensing)
Dimension and Weight	module 440*43.6*180 mm (W*H*D) 2.5Kg

### Compliance

Standards & protocols	CE certification;
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## RC831 PDH Optical Multiplexer

### Ordering Information

Part Number	Description
RC831-30-FV35-X-Y	standalone, one M34 V.35 port and one optical port
RC831-60-FV35-X-Y	standalone, one E1 port (BNC and RJ45 optional), one M34 V.35 port and one optical port
RC831-120-X-Y	standalone, 4 BNC unbalanced E1 ports and one optical port
RC831-120-BL-X-Y	standalone, 4 RJ45 balanced E1 ports and one optical port
RC831-240-X-Y	standalone, 8 BNC unbalanced E1 ports and one optical port
RC831-240-BL-X-Y	standalone, 8 RJ45 balanced E1 ports and one optical port
RC831-240E-X-Y	standalone, one optical port and 4 slots for E1, V.35 or fast Ethernet service with total 8E1 capacity
E-SUBM-FV35	expansion card of RC831-240E with one M34 V.35 port
E-SUBM-2FV35	expansion card of RC831-240E with 2 V.35 ports ( in one HDB26 interface)
CBL-V35-HDB26/2M34	cable from one HDB26 connector to two M34 connector
E-SUBM-2E1	expansion card of RC831-240E with 2 BNC unbalanced E1 ports
E-SUBM-4E1-BL	expansion card of RC831-240E with 4 RJ45 balanced E1 ports
E-SUBM-2FE	expansion card of RC831-240E with 2 FE ports, equal to two FE over E1 interface converters
E-SUBM-FX	expansion card of RC831-240E with one optical fast Ethernet port
E-SUBM-FE4E1	expansion card of RC831-240E with one FE port, equal to one FE over 4E1 inverse multiplexer

### x - Fiber Interface Specification

	Wavelength (nm)	Rx sensitivity (dBm)	Tx Power (dBm)	Typical distance (km)	Attenuation (dB/Km)	Min overload (dBm)
M	1310/850*	<-28	-20 - -14	2	3	>-14
S1	1310	<-34	-15 - -8	25	0.5	>-8
S2	1310	<-34	-5 - 0	60	0.5	>-8
S3	1550	<-36	-5 - 0(DFB)	120	0.25	>-10
SS13	1310Tx 1550Rx	<-30	-12 - -3	25	0.5	>-8
SS15	1550Tx 1310Rx	<-30	-12 - -3	25	0.5	>-8
SS23	1310Tx 1550Rx	<-32	-5 - 0	50	0.5	>-8
SS25	1550 Tx 1310 Rx	<-32	-5 - 0(DFB)	50	0.5	>-8
SS34	1490Tx 1550Rx	<-32	-5 - 0	100	0.5	>-8
SS35	1550 Tx 1490 Rx	<-32	-5 - 0(DFB)	100	0.5	>-8

### Y - Power Supply Specification

AC	AC power supply
DC	DC power supply
WP	AC and DC wide range power supply

\* +24V DC power supply is customized