

RC831 PDH Optical Multiplexer

RC831-60-FV35 one E1 and one V.35 ports

Main Feature	One V.35 port, one E1 port and one optical port ALS function Dying Gasp function Local and remote alarm indicator Local and remote loop-back function fault pass through function
Optical Port	Code: Scrambled NRZ 150Mbps, SC or FC connector
E1 Port	Date rate: 2048Kbps+/-50ppm Code: HDB3 75ohm unbalanced BNC and 120ohm balanced RJ45 Complied with ITU-T G.703, ITU-T G.704 and ITU-T G.823
V.35 Port	Port: M34 Data rate: 2048Kbps±50ppm unframed mode N*64Kbps (N=1~31) framed mode

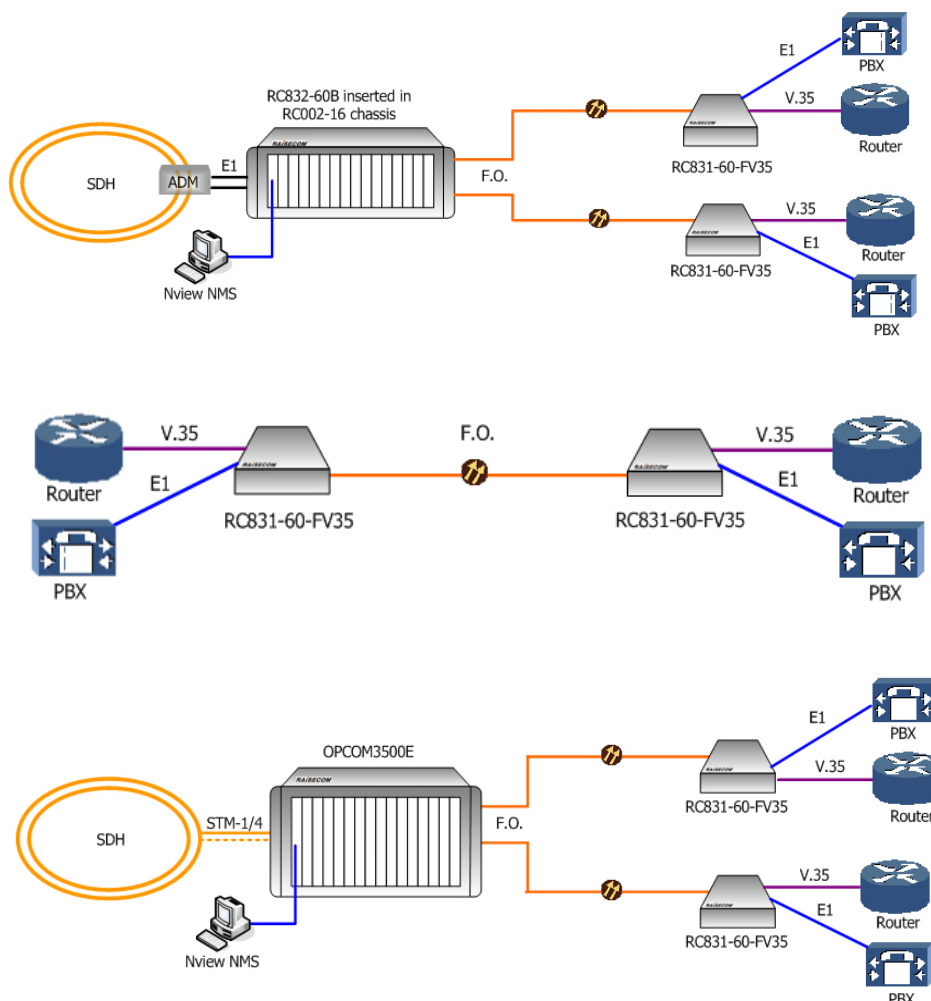


RC831-60-FV35 front panel



RC831-60-FV35 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	186*38*142 mm (W*H*D) 0.9 Kg

Compliance

Standards & protocols	CE certification;
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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