

## RC802-DS3/E3 Fiber Modem

RC802-DS3/E3 series PDH Fiber Optical Multiplexers are ideal optical fiber transmission devices for point-to-point networks, small and medium-sized capacity networks, such as wireless communication base stations, private communication networks and switching networks. RC802-DS3/E3 is a modular device which can be inserted in 16-slot SNMP managed chassis RC002-16, 4-slot SNMP managed chassis RC002-4 and one slot SNMP managed chassis RC001-1M for central and remote monitoring, configuration

and diagnoses in GUI of Raisecom self-designed network management software NView NNM. As to remote side Raisecom also provides unmanaged one slot chassis RC001-1 and 4-slot chassis RC001-4 which can accompany with RC802-DS3/E3 module for cost effective application. On front panel it has one unbalanced BNC interface which can be configured to DS3 or E3 by dip-switch. Because of the private protocol in optical port this modem can only be used point-to-point with a same RC802-DS3/E3 module.



RC802-DS3/E3  
Fiber Modem

### Feature

#### Main Feature

Data Rates	Optimal DS3 and E3
Dying Gasp Function	
Bit Error Rate Test Function	
Auto Laser Shutdown (ALS) function	
Local and remote loop back function	
Power Consumption	<5W
Management	Management via SNMP port on the chassis
Dimension	91*25.2*172 mm (W*H*D), occupies one slot of chassis
Store Temperature	-40~+70 Centigrade
Working Temperature	-5~50 Centigrade
Humidity	5%~95%

#### DS3 Port Feature

Date Coding	B3ZS
Date Rate	44.736Mbps (+/-50ppm)
Electrical Character	Bellcore GR-499-CORE and ANSI T1.102_1993
Shift Transport	GR-499 CORE section 7.3.2 Category I and Category II
Shift Tolerance	Bellcore GR-499-CORE  ITU-T G.824

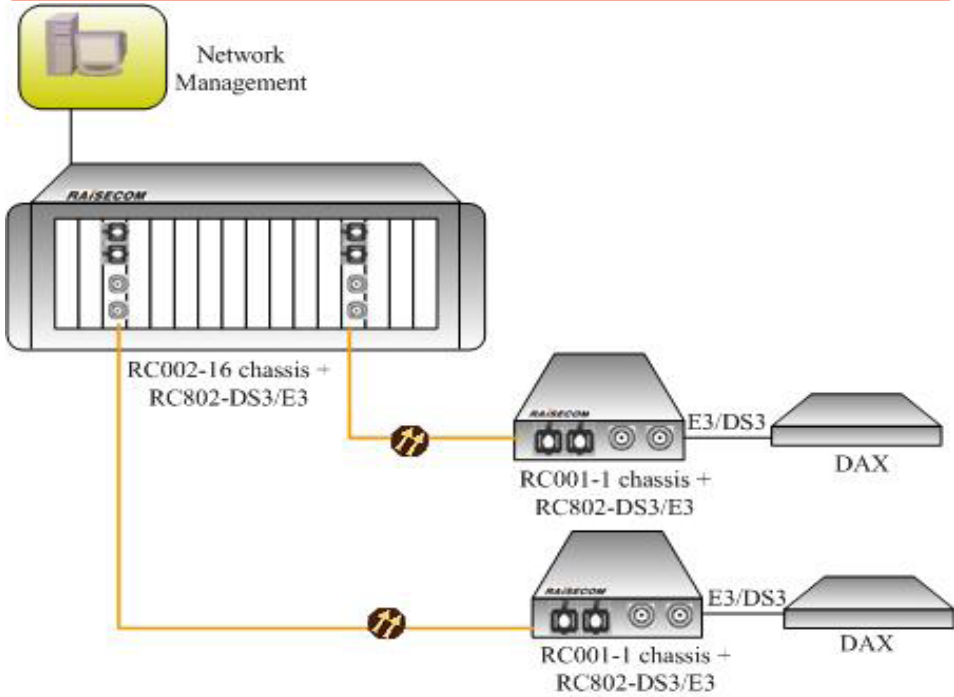
#### E3 Port Feature

Date Coding	HDB3
Date Rate	34.368Mbps (+/-50ppm)
Electrical Character	ITU-T G.703
Shift Transport	ETSI TBR-24
Shift Tolerance	ITU-T G.823

### Specification

Fixed port	1 Fiber Optic Port 1 DS3/E3 Port
Fiber Optic Port	SC/PC
DS3/E3 Port	BNC

## Typical Application



## Compliance

- ITU-T G.703
- ITU-T G.823
- ITU-T G.824
- UL Certificate
- CE Certificate

## Ordering Information

Part Number	Description
RC802-DS3/E3-M	Modular PDH Fiber optic modem with DS3/E3 electrical port. Multi-mode, dual strand, wavelength 1310nm, distance 0-2Km
RC802-DS3/E3-S1	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, dual strand, wavelength 1310nm, distance 0-25Km
RC802-DS3/E3-S2	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, dual strand, wavelength 1310nm, distance 10-60Km
RC802-DS3/E3-S3	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, dual strand, wavelength 1550nm, distance 15-120Km
RC802-DS3/E3-SS13	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, single strand, Tx wavelength 1310nm, Rx wavelength 1550nm, distance 0-25Km
RC802-DS3/E3-SS15	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, single strand, Tx wavelength 1550, Rx wavelength 1310nm, distance 0-25Km
RC802-DS3/E3-SS23	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, single strand, Tx wavelength 1310nm, Rx wavelength 1550nm, distance 10-50Km
RC802-DS3/E3-SS25	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, single strand, Tx wavelength 1550nm, Rx wavelength 1330nm, distance 10-50Km
RC802-DS3/E3-S15	Modular PDH Fiber optic modem with DS3/E3 electrical port. Single-mode, dual strand, wavelength 1550nm, distance 0-25Km