

### RC802-16E1E3-BL

RC802-16E1E3-BL multiplexes 16 lines of E1 on to 1 line of coax E3 for transmission or de-multiplexes 16 lines of E1 from 1 line of E3 signal. The modular multiplexer provides E3 channel 1+1 protection, which guarantees the safety of transmission channel when the primary line is down. RC802-16E1E3-BL is placed and SNMP managed in RC006

series chassis RC006-12, RC006-6 and RC006-1M. On Raisecom NView GUI-based network management platform, the status of a pair of multiplexers can be monitored and the configurations on both the local and remote modules can be completed.

## Features and Specifications

|                                   |   |
|-----------------------------------|---|
| Main Feature                      | <ul style="list-style-type: none"> <li>16 E1 ports</li> <li>2 E3 ports support 1+1 protection</li> <li>E1 =&gt; E2 Multiplexing: ITU-T G.742</li> <li>E2 =&gt; E3 Multiplexing: ITU-T G.751</li> <li>E1 port LOS, AIS alarm indication</li> <li>E3 port LOS, AIS, LOF, RDI alarm indication</li> <li>E1 &amp; E3 port internal/external loopback test</li> <li>E1 &amp; E3 port inbuilt bit error testing and 1E-3, 1E-6 detection</li> <li>SNMP management in RC006 series chassis with SNMP agent module</li> </ul>   |
| E1 Port                           | <ul style="list-style-type: none"> <li>Bite Rate: 2048Kbps±50ppm</li> <li>Line Code: HDB3</li> <li>Impedance: 120Ω</li> <li>Connector: 1 RJ-45 for 2 lines of E1</li> <li>Cable Type: 0.6mm (22AWG) twisted pair</li> <li>Electrical Specification: According to ITU-T G.703</li> <li>Output Jitter: According to O.172/GR-499</li> <li>Input Jitter Tolerance: According to ITU-T G.823</li> <li>Jitter Transfer: According to ITU-T G.823</li> <li>Maximum Allowed Input Frequency Offset: ±80ppm</li> </ul>          |
| E3 Port                           | <ul style="list-style-type: none"> <li>Data Rate: 34.368Mbps±ppm</li> <li>Line Code: HDB3</li> <li>Impedance: 75Ω</li> <li>Connector: CC3</li> <li>Cable type: SYV75-2-2</li> <li>Electrical Specification: According to ITU-T G.703</li> <li>Frame Format: According to ITU-T G.751</li> <li>Output Jitter: According to O.172/GR-499</li> <li>Input Jitter Tolerance: According to ITU-T G.823</li> <li>Jitter Transfer: According to ITU-T G.823</li> <li>Maximum Allowed Input Frequency Offset: ±100ppm</li> </ul> |
| Power Consumption                 | ≤ 8W  |
| Ambience                          | <ul style="list-style-type: none"> <li>Working Temperature: 0~55 degree centigrade</li> <li>Working humidity: 5%~90% (non-condensing)</li> <li>Storage temperature: -20~70 degree centigrade</li> <li>Storage humidity: 5%~90% (non-condensing)</li> </ul>  |
| Physical Characteristics (Module) | <ul style="list-style-type: none"> <li>Dimensions: 240x25x244 mm (WxHxD)</li> <li>Net Weight: 0.4Kg</li> </ul>  |



RC802-16E1E3-BL

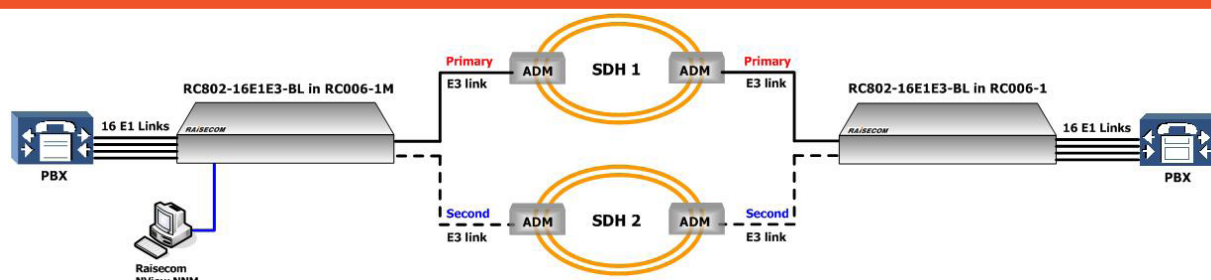
## Chassis for RC802-16E1E3-BL

|          |  |
|----------|--|
| RC006-12 | 12 slots for service modules<br>6U height<br>SNMP agent RC006-NMS1 |
| RC006-6  | 6 slots for service modules<br>3U height<br>SNMP agent RC006-NMS1  |
| RC006-1M | 1 slot for service module<br>1U height<br>Inbuilt SNMP agent       |
| RC001-1M | 1 slot for service module<br>1U height<br>No SNMP agent            |

## Ordering Information

|             |  |
|-------------|--|
| Part Number | RC802-16E1E3-BL  |
| Description | RC006 series service module, multiplexing 16 lines of E1 to 1 line of E3<br>2 E3 ports support 1+1 protection, CC3 connector (interface conversion cable CBL-E1-CC3/BNCF-1m provided)<br>16 balanced E1 ports, RJ-45 connector |

## Application



Raisecom Technology Co., Ltd.  
2 Floor, South Building of Rainbow Plaza, No. 11 Shangdi Information Road, Haidian District, Beijing. 100085

Tel: +86 10-82883305  
Fax: +86 10 8288 3056  
Email: info@raisecom.com  
http://www.raisecom.com

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