

RC801-16E1E3 Fiber Mux

RC802-16E1E3 can be used as access multiplexer and concentrator in areas, where transmission line is delivered by E3 line, and there is a need to Mux/ Demux signal in up to 16 E1 G.703 lines.

An optical E3 interface is available to provide transmission of 16 E1

circuits over 1310 nm fiber optic cable. Transmission distances of 5~120 km can be achieved.

It's very compact, can be installed in RC006 chassis. RC802-16E1E3 multiplexer support loop backs to allow for installation and maintenance checks.



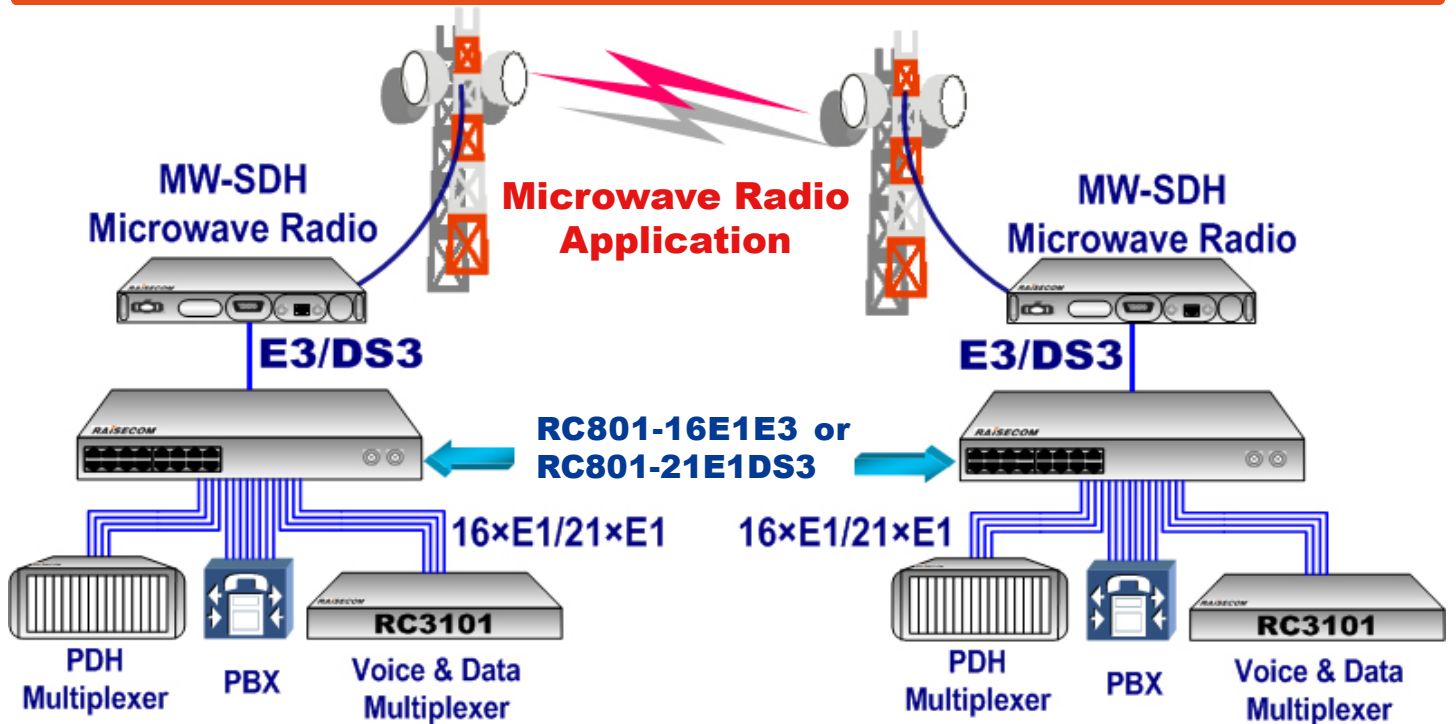
Features

- Multiplex 16 E1 (2MB) streams onto an E3 (34MB) stream
- High capacity point-to-point links
- Electrical and optical E3 interfaces
- Aggregate data rate: E3: 34.368 Mbps
- Single-mode or multimode fiber, single fiber available, distance up to 120 km
- Support 120 Ohm balanced E1 interface
- Front panel LED indicators
- Plug into RC006 series chassis
- Easy the installation and maintenance
- Compact design and low power consumption
- Local and Remote Loopback
- Remote Configuration Control and Performance Monitoring
- SNMP network management using Raisecom's NNM View software

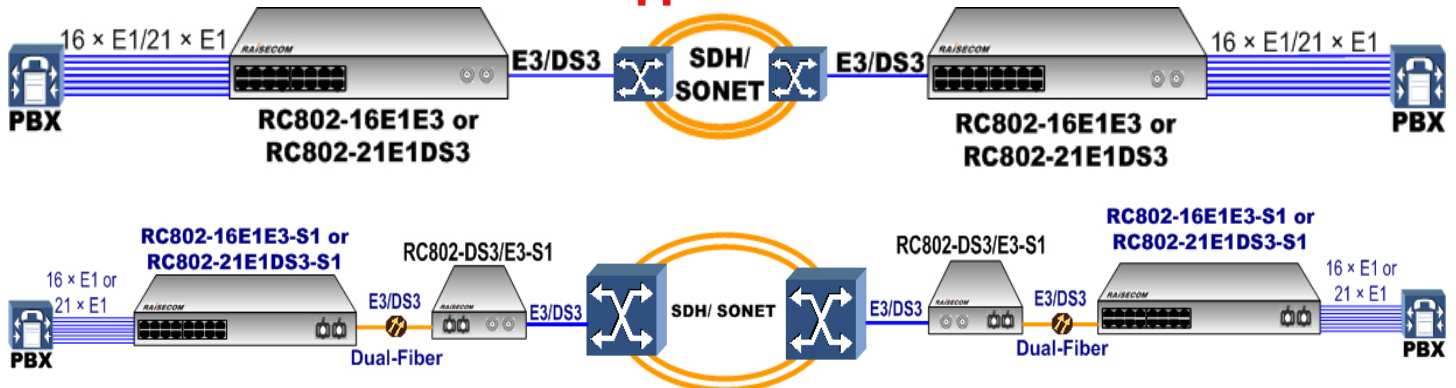
Specification

	E3 Interface		E1 Interface
Line Rate:	34.368 Mbps		2.048 Mbps
Line Code:	HDB3		HDB3
Line Impedance:	75 ohms (unbalanced)		120 ohms (balanced)
Connector:	BNC(75 ohms),ST (optical)		RJ45 (120 ohms)
Optical Interface:	1310 nm or 1550 nm		N/A
Compatibility:	ITU-T G.703, ITU-T G.823		ITU-T G.703
Power		Physical	Environment
AC: 85VAC~265VAC, 50/60Hz		Height : 44 mm (1U)	Temperature
DC: -48VDC: -36 VDC~-72VDC		Width : 440 mm	0°C to 50°C (32°F to 122°F)
24VDC: 22 VDC~26 VDC		Depth : 266 mm	Humidity
Power Consumption : 15W maximum		Weight : 2.8kg	90%, non-condensing

Typical Application



E3/DS3 point-to-point Application



Ordering Information

Part Number	Description
RC802-16E1E3	moduler device, E3 (Electrical interface) to 16 E1 multiplexer, plug into RC006 chassis
	A = the type of E3 fiber optic interface
	M: multimode 62.5/125um or 50/125um dual-strand, 1310nm, SC, 0-2km
	S1: single mode 9/125um dual-strand, 1310nm, SC, 0-25km
	S2: single mode 9/125um dual-strand, 1310nm, SC, 10-60km
	S3: single mode 9/125um dual-strand, 1550nm DFB, SC, 15-120km
	SS13: single mode 9/125um single strand, 1310nm TX 1550nm RX, 0-25km
	SS15: single mode 9/125um single strand, 1550nm TX 1310nm RX, 0-25km