



ME102A

Specifications:

- Interface:** V.35: CCITT V.35
- Clock:** Internal or External from either attached device. (user-selectable)
- Data Rate:** Any speed up to 1.344 Mbps that evenly divides 2.688 Mbps. (user-selectable)
- Maximum Distance:** Up to 2000 ft. on each side, depending on cable quality and data rate.
- Connectors:** SME-V.35: (2) 34-pin M-block female.
- Power:** 120VAC Standalone Models. Power Supply part # is PS146. Output = 17 VAC CT 700 ma. 230VAC = PS146E. 230VAC 50 HZ @ 50 ma; output = 17 VAC CT @ 700 ma.
- Indicators:** (6) LED's: TXD, RXD, RTS, CTS, DCD or RLSD, and Power

Data Rate	Switch S1 Position						Switch S2 Position					
	1	2	3	4	5	6	1	2	3	4	5	6
1200	Off	On	Off	Off	Off	On	On	On	On	On	On	On
2400	ON	Off	Off	Off	On	Off	On	On	On	On	On	Off
4800	Off	Off	Off	On	Off	Off	On	On	On	On	Off	On
9600	Off	Off	On	Off	Off	Off	On	On	On	Off	On	Off
19200	Off	On	Off	Off	Off	Off	On	On	Off	On	Off	Off
38400	On	Off	Off	Off	Off	Off	On	Off	On	Off	Off	Off
48000	Off	Off	Off	Off	Off	Off	On	On	On	Off	On	On
56000	Off	Off	Off	Off	Off	Off	On	On	On	On	Off	On
64000	Off	Off	Off	Off	Off	Off	On	Off	Off	On	Off	On
76800	Off	Off	Off	Off	Off	Off	Off	On	Off	Off	Off	On
84000	Off	Off	Off	Off	Off	Off	On	On	On	On	On	Off
96000	Off	Off	Off	Off	Off	Off	On	On	Off	On	On	Off
112000	Off	Off	Off	Off	Off	Off	On	On	On	Off	On	Off
128000	Off	Off	Off	Off	Off	Off	Off	Off	On	Off	On	Off
192000	Off	Off	Off	Off	Off	Off	On	Off	On	On	Off	Off
224000	Off	Off	Off	Off	Off	Off	On	On	Off	On	Off	Off
336000	Off	Off	Off	Off	Off	Off	On	On	On	Off	Off	Off
384000	Off	Off	Off	Off	Off	Off	Off	On	On	Off	Off	Off
448000	Off	Off	Off	Off	Off	Off	On	Off	On	Off	Off	Off
896000	Off	Off	Off	Off	Off	Off	Off	On	Off	Off	Off	Off
1344000	Off	Off	Off	Off	Off	Off	On	Off	Off	Off	Off	Off

Strap Settings:

- W1:** This strap is used to tie the chassis ground (Pin A) and signal ground (Pin B) together. The unit comes from the factory without the grounds tied common.
- W2:** Sets the Clear to Send delay on J2:
 Position A = 0 ms (no delay)
 Position B = 10 ms
 Position C = 50 ms
- W3:** Sets the Clear to Send delay on J1:
 Position A = 0 ms (no delay)
 Position B = 10 ms
 Position C = 50 ms
- W4:** Determines the clock source for J1 (Pins Y and AA-Serial Clock Transmit-on J1, Pins V and X-Serial Clock Receive-on J2). In the "A" position, timing is internal (from the SME's internal clock). In the "B" position, timing is recovered (from J2's Pins U and W, Serial Clock Transmit Ext). In the "C" position, timing is external from (J1's pins U and W, Serial Clock Transmit Ext.).
- W5:** Determines the clock source for J2 (Pins Y and AA-Serial Clock Transmit-on J2, Pins V and X-Serial Clock Receive-on J1). In the "A" position, timing is internal (from the SME's internal clock). In the "B" position, timing is recovered (from J1's Pins U and W, Serial Clock Transmit Ext.). In the "C" position, timing is external from (J2's Pins U and W, Serial Clock Transmit Ext.).