

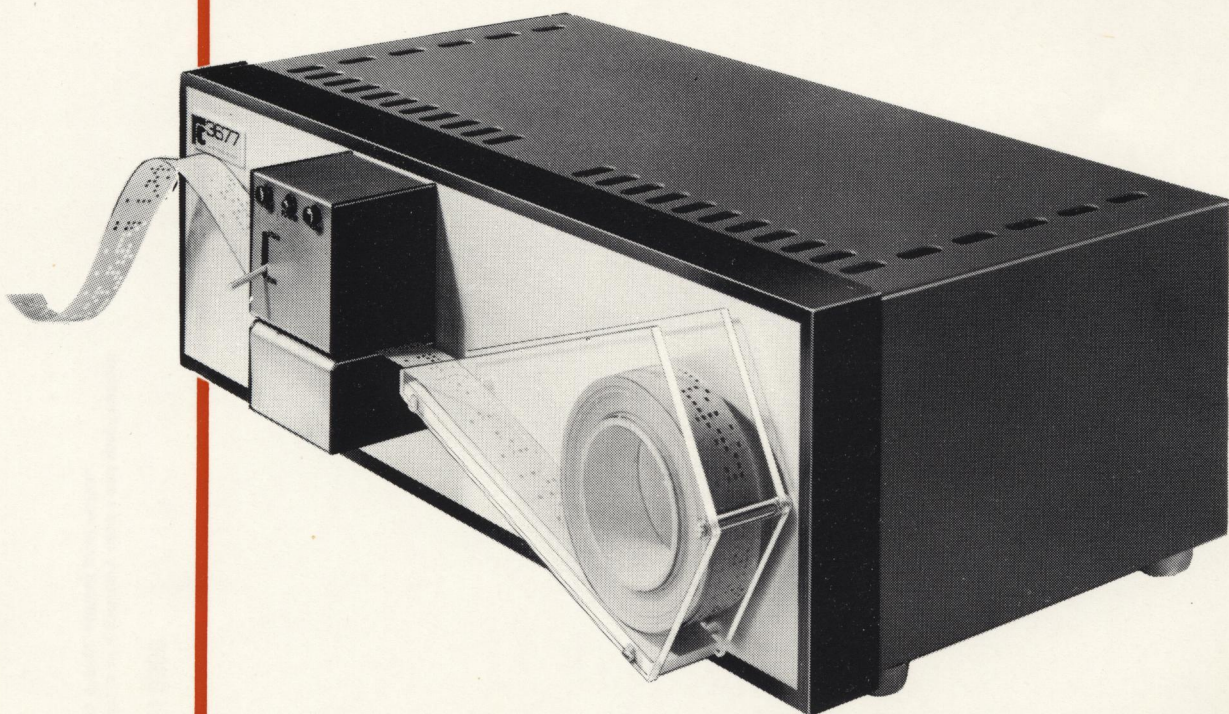


**RC 3676**

**500 cps**

**Paper Tape Reader**

- 5 TO 8 CHANNEL ISO STANDARD TAPE
- SOLID STATE READ HEAD
- EASY TO CHANGE FROM TABLE
- TOP MODEL TO RACK MODEL





## GENERAL INFORMATION

The RC 3676 is a fully integrated photo-electric reader, which contains a servo input buffer system whereby the number of unprocessed characters in a 128 byte semiconductor buffer store regulates the reading speed. This eliminates abrupt starting and stopping, thus reducing the risk of tape damage and enabling fast, accurate reading.

The RC 3676 also incorporates an all solid-state read head consisting of light emitting diodes and photo transistors. This new reading system eliminates many of the disadvantages of traditional optical readers using filament lamps.

## SPECIFICATIONS

Read head:	Light emitting diodes Photosensor array
Buffer size:	128 8-bit characters
Tape speed:	Continuously regulated from 0 to 50 inches per second according to buffer contents
Performance:	500 characters per second.
Tape width:	25.4 mm (1")
Tape media:	Paper, oiled or non-oiled, plastic, mylar, or metalized mylar
Tape roll size:	
Outer	200 mm (7 <sup>3</sup> / <sub>4</sub> " ) maximum
Inner	50 mm (2" ) minimum
Standard features:	End of tape sensing Sprocket hole sensing
Heat dissipation:	360 kJ/h (86 kcal/h, 342 BTU/h)
Power requirement:	220 V AC, 100 W
Mounting:	Desk top or cabinet

## DIMENSIONS

Height:	13.3 cm (5 <sup>3</sup> / <sub>16</sub> " )
Width:	44.0 cm (17 <sup>3</sup> / <sub>16</sub> " ) or cabinet mounting
Depth:	27.0 cm (10 <sup>3</sup> / <sub>16</sub> " )
Weight:	10 kg (22 lbs)

RCSL 42-i 0388

This datasheet is of a summary nature and specifications are subject to change without prior notice.