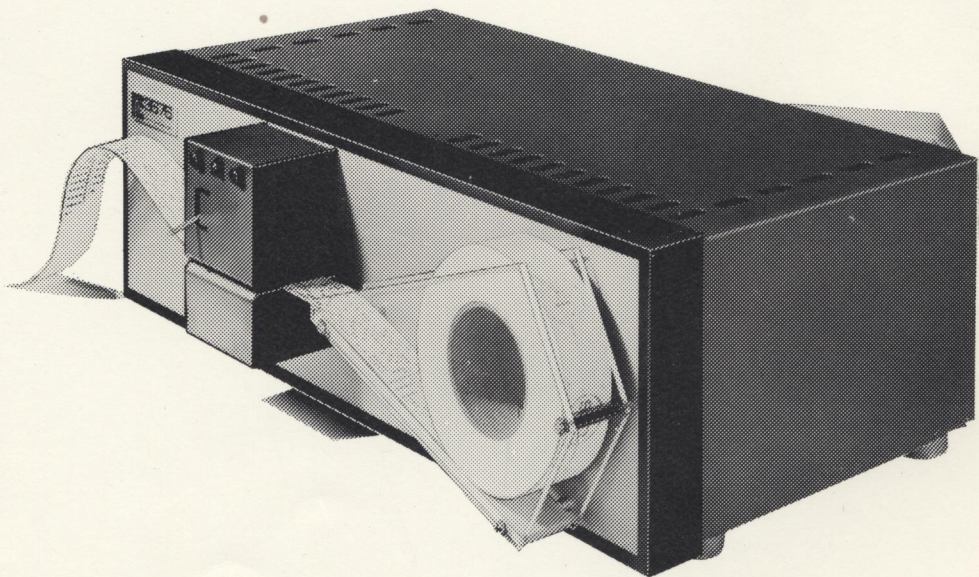




**RC 3676**

**Paper Tape  
Reader**

- 500 CHARACTERS PER SECOND
- 8 CHANNEL ISO STANDARD TAPE
- SOLID-STATE READ HEAD
- EASY TO CHANGE FROM TABLE-TOP MODEL TO RACK MODEL





## GENERAL

The RC3676 is a fully integrated photo-electric paper tape reader, which contains a servo input buffer system whereby the number of unprocessed characters in a 128 bytes 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 RC3676 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 inch)
Tape media:	Paper, oiled or non-oiled, plastic, mylar, or metalized mylar
Tape roll size:	Outer diameter: 200 mm (7 7/8 inches) max. Inner diameter: 50 mm (2 inches) min.
Standard features:	End-of-tape sensing Sprocket hole sensing
Power requirements:	220 V AC, 100 W - supplied from system
Temperature, amb.:	10-32°C (50-90°F)
Humidity:	20-80% relative, non-condensing
Heat dissipation:	360 kJ/h (86 kcal/h, 340 BTU/h)
Mounting:	Desk top (interfaces to system via a 12 m cable) or 19-inch cabinet

## DIMENSIONS

Height:	13.3 cm ( 5.2 in.)
Width:	44.0 cm (17.2 in.) or cabinet mounting
Depth:	27.0 cm (10.2 in.)
Weight:	10 kg (22 lb.)

RCSL 42-i 1285

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