

**FOR: Matrix Systems Corp.**  
5177 N. Douglas Fir Rd.  
Calabasas, CA. 91302  
(818) 222-2301 FAX (818) 222-2304  
e-mail-tech@matrixsystems.com  
www.matrixsystems.com

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**NEWS**  
*RELEASE*

**ART WROOBEL COMPANY**

Advertising and Marketing

12572 Westmont Dr.

Moorpark, CA 93021

(805) 529-1325 (805) 523-8153 (fax)

## Model 13914 Microwave Matrix

Calabasas, CA. April 17, 2004 -. Matrix Systems' **Model 13914 Microwave Matrix.**

### KEY SPECIFICATIONS

- 5 Inputs x 5 Outputs
- DC to 18 GHz

### SPECIFICATIONS:

- Matrix Type – Bi-Directional, Hard Contact
- I/O Impedance – 50 Ohms
- Insertion Loss – <0.6dB DC-3 GHz
- Open Circuit Isolation – >110dB @ 3GHz
- Crosstalk Isolation – >110 dB @ 3GHz
- Contact rating, carry – 100 Watts @ 1 GHz
- I/O Signal connectors – SMA
- Remote Control – RS-232C
- Local Control – Front panel keypad control & LC display
- Status – Crosspoint verification and LED display
- AC Power – 85-265VAC, 47-63Hz, 50W
- Operating Temp.– 0°C to +50°C
- Contact Life – 1,000,000 operations/crosspoint
- Size – 19"W x 3.50"H x 18.50"D

### FEATURES:

- Redundant Power Supplies with status display and remote reporting
- Self terminating unused inputs and outputs
- Store and Recall switchpoint configurations
- Front panel 5x5 crosspoint configuration display

### OPTIONS:

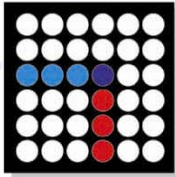
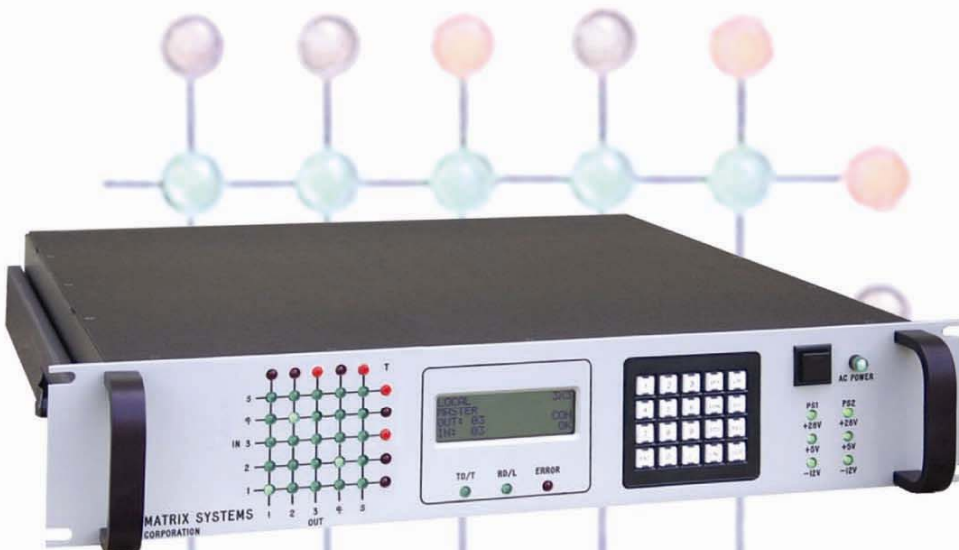
Type F connectors for CATV applications  
IEEE-488 control for automatic test applications

### TYPICAL APPLICATIONS:

- Switching Satellite down converted S-Band Outputs.
- Switching Automatic Test Equipment to/from UUT's
- L-Band Switching
- Cell Phone Band Switching
- Cable Television Head End Switching
- ECL and picosecond pulse switching

**DELIVERY:** 12 weeks ARO

For more information contact Matrix Systems Corp. PH (818) 222-2301 - FAX (818) 2222-2304,  
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**MATRIX**  
SYSTEMS CORPORATION