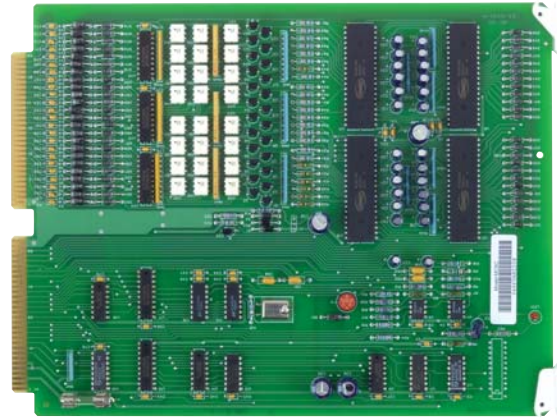


# Multicom 2000®

## Station Card Model MCSC



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### Description

The Multicom 2000® MCSC Station Card contains four crosspoint switches which route signals between the station circuits and the audio busses. The card provides loop current to the stations, detects off-hook conditions, and routes ring, dial tone and busy signals to the appropriate station telephones. Each station card has two crystal-controlled DTMF receivers and directs the dissemination of display data to administrative phones.

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### Features

- Provides the low level switching of signals via the crosspoint switches
- Off-hook detect circuitry
- DTMF registers on board
- Provides loop current for telephones
- Front edge fuse status LED
- Transorbs are used to protect against field induced over voltages, such as lightning
- Optocoupler used to prevent “phantom” calls
- Fuse protected by one 1A Slo-Blo fuse

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### Architect and Engineer Specifications

The MCSC Station Card shall contain four crosspoint switches (16x24 matrix) for signal routing between the phone circuits and the eight audio busses and eight signal busses. The card shall also provide loop current to the phones, shall detect off-hook conditions, and shall route ring, dial tone, and busy signals to the appropriate stations. Each station card shall have two crystal-controlled DTMF receivers and

shall direct the dissemination of display data to administrative phones. The MCSC shall connect through the backplane of the mainframe to the MCRC Relay Card or the MCRM Relay Module via a 50-conductor ribbon cable (part of MCCA or MCRCA assembly).

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### Technical Specifications

**Dimensions:** 10-<sup>9</sup>/<sub>16</sub>" W x 8-<sup>1</sup>/<sub>8</sub>" H x <sup>5</sup>/<sub>8</sub>" D  
**Power:** MC512A Power Supply (sold separately)