

Input Specifications:

Input Connectors: WECO 310 jack and 15-pin, D-shell network interface connector. Input Frequency: 1544000 Hz +/- 300 Hz Line Codes: AMI or B8ZS (B8ZS is available in framed modes only.) Input Impedance:

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Bridge: Greater than 1000 ohms

Term: 100 ohms +/- 5%

Monitor: 100 ohms +/- 5%

CSU: 100 ohms +/- 5%

Operating Range:

Bridge: +6 dbdsx to -20 dbdsx, Automatic Line Build Out (ALBO), compensates for cable loss

Term and CSU: +6 dbdsx to -20 dbdsx, Automatic Line Build Out (ALBO), compensates for cable loss

Monitor: +6 dbdsx to -6 dbdsx, ALBO provided with fixed +20 db amplifier to compensate to DSX monitor series impedance losses.

Transmit Mode: The transmitter is disabled and completely isolated from the output jacks in the Bridge and Monitor mode. This allows the 5575 to utilize the Tx jack as a secondary receiver to measure voltage, frequency, and bop timing of both sides of the span for in-service specifications.

Output Specifications:

Line Build Out (LBO): Switch selectable with 0, -7.5, and -15 db attenuation. Output Connectors, Provided on WECO 310 jacks and 15-pin D-shell network interface

connector.

Internal Oscillator Frequency: 1544000 Hz +/- 5 ppm

Line Codes: AND or Bats

Pulse Shape: Complete with AT&T Pub. 62411 and CCITT Recommendation G.703 when terminated in 100 of this and 0 db line build out selected.

Litter: Complies with AT&T Pub. 62411

Front Page (Indicators Specifications:

Alarm indicators: Frame Sync Loss, All Ones (Blue Alarm), Density (excess zeros and insufficient ones), and Yellow Alarm.

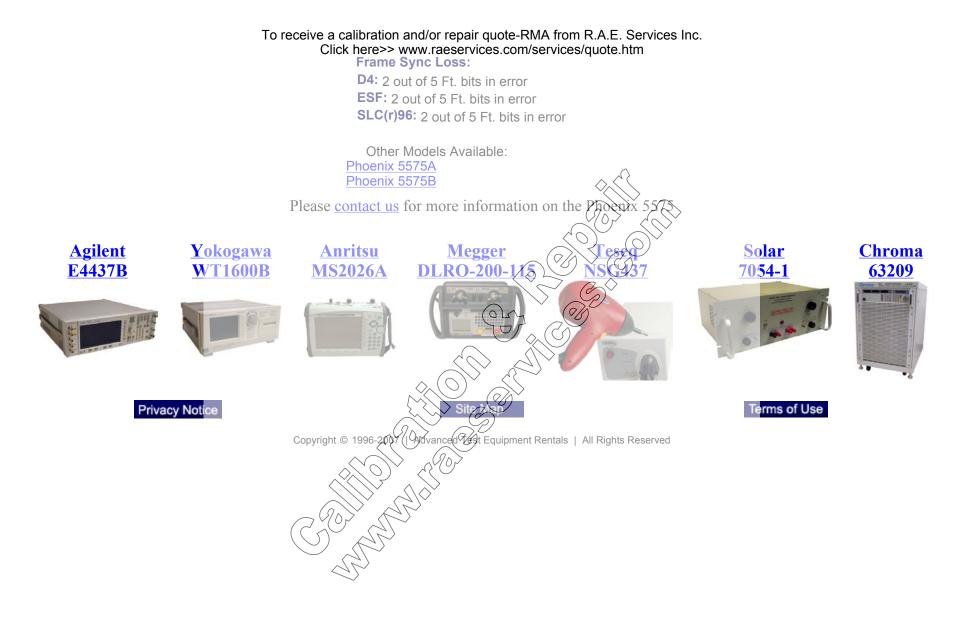
Status Indicators: Frequency Deviation, Line Level Fault, Not Loop Timed, Low Battery, Signal Present

Sync Indicators: Pattern sync, D4 frame sync, ESF sync, and SLC(r)96 **Coding Indicators:** AMI and B8ZS

Alarm Criteria Specifications:

Pattern Sync Loss: Programmable from 0-9999 bit errors in 0-9999 bits. Factory setting is 100 bit errors in 1000 or fewer bits.

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