

150A CHANNEL SERVICE UNIT
STATION
SUMMARIZING SPECIFICATION
DATA SYSTEMS

1. GENERAL

SCOPE

1.01 This specification, together with the supplementary information listed herein, summarizes the requirements and information to be used for the application and ordering of a 150A Channel Service Unit.

1.02 Whenever this specification is reissued, the reasons for reissue will be listed in this paragraph.

DESCRIPTION

1.03 The 150A Channel Service Unit (CSU) is a passive device intended to terminate 2-wire private line voiceband channels at customer station locations. The unit provides a 2-wire transmission path, balanced termination, current surge protection, hazardous voltage protection, level adjustment, and fixed low impedance dc termination across the loop.

1.04 The CSU consists of a printed wiring board assembly containing a transformer, an attenuator, resistors, diodes, a capacitor, and a switch. This assembly snap-mounts on a gray metal baseplate and is enclosed by a light gray flame retardant plastic cover. The unit when assembled is 4 inches long by 2-3/4 inches wide by 1-9/16 inches high, and weighs 6 ounces.

2. SUPPLEMENTARY INFORMATION

590-101-000—150A Channel Service Unit—Description, Installation, Maintenance, and Tests

CD-1D266-01—Circuit Description—Manufacturing Testing Requirements

3. DRAWINGS

SD-1D266-01—150A Channel Service Unit

4. PRODUCT

150A Channel Service Unit

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement