

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G50.216.2
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AT&T Co Standard

CABLE TESTING — GENERAL

CENTRAL OFFICE TONE FOR CONDUCTOR IDENTIFICATION AND FAULT LOCATING

1. GENERAL

1.01 This section is to advise that high and low level 500 cycle tones interrupted at 7 cycles per second, are available at main distributing frames in some central offices. These tones are similar to those supplied by the 76-type test sets. The low level tone is for use in identifying cable pairs by means of a test pick or probe and the high level tone for use in running down faults in non-loaded cables by the exploring coil method.

1.02 The central office high and low level tones are terminated in jacks in the MDF jack boxes. Tone from the jack box is connected to a cable pair by means of a special test cord. The low level tone can also be placed on a working pair at the test desk.

1.03 To obtain central office tone, call the test deskman advising him whether high or low tone is desired, the cable and number or numbers of the cable pairs. Also advise of the manner in which the test cord should be connected to the pairs in the cable.

1.04 After the pair has been identified or the trouble located, call the test deskman and request that the tone be removed.