

BELL SYSTEM PRACTICES
Outside Plant Construction
and Maintenance

SECTION G61.104.6
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AT&T Co Standard

TERMINALS
CORROSION RESISTANT—NJ AND NK

1. GENERAL

1.01 This section covers the NJ and NK corrosion resistant cable terminals. These terminals are intended for use in industrial and seashore locations where corrosion of unfinished terminals can be expected.

1.02 The NJ and NK terminals are similar in design to the NC and NF terminals respectively, differing only in the housing finishes and the bolts and nuts at the clamps. The NJ and NK terminal housings have a gray enamel finish, and corrosion resistant bolts and nuts at the clamps. The NJ and NK terminals are available only in 10 and 16 pair sizes.

2. DESCRIPTION OF NJ AND NK CABLE TERMINALS

2.01 The NJ terminal is a protected type terminal equipped with 107B Protectors.

2.02 The NK terminal is an unprotected type terminal intended for use in corrosive areas.

3. LOCATING AND INSTALLING NJ AND NK CABLE TERMINALS

3.01 The method of locating and installing these terminals is similar to that followed with other N type terminals as outlined in Section G61.104.2 (Locating N Type Terminals) and Sections G61.104.3, G61.104.4, and G61.104.5 (Installing N Type Terminals).

3.02 The corrosion resistance of NJ and NK terminals is provided by the enamel finish of the housings. Care should be exercised in handling and installing these terminals, to avoid damage to the finish.

3.03 As soon as the terminal is installed, the enameled parts should be inspected. Areas in which the enamel has become chipped or marred, should be cleaned with emery cloth.

3.04 After cleaning, apply Blue-Gray Touch-Up Spray Enamel (No. 93-545 Bell System Blue-Gray Delux Enamel) which is supplied in a 12 oz. pressurized can for spray application. Spray the affected areas following the directions printed on the can.

3.05 A second coat of enamel is required to furnish adequate protection. Finish all other work at the location of the terminal before applying the second coat so that the first coat has sufficient time to become surface dry.

3.06 The can of spray enamel, in addition to the instructions on the can, should have its spray head cleaned after each use. If the can is to be set away for a few hours or more, turn the can upside down and depress the valve to discharge a small amount of gas to clean the spray head. If the can is to be used again within a short time as for the second coat, the spray head should be cleaned by wiping off the bead of enamel which forms on the valve head.