# Type CGFP Unarmored Cable Terminator

# IF66

# Installation Information

## GENERAL

Type CGFP Series cable terminators are designed for wet locations and are used with portable cords and Types MV, PLTC, SE (round), TC and UF jacketed unarmored cable.

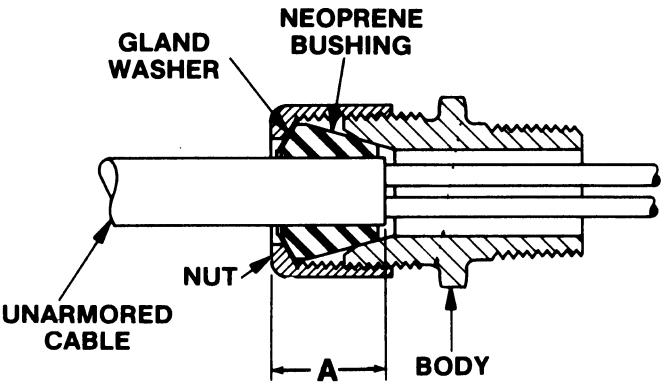
## INSTALLATION

1. Remove sufficient outer covering from cord or cable to provide the length of individual insulated conductors necessary to make the required connections.

> **CAUTION**
>
> Do not cut into the individual conductor insulation when removing the outer jacket. Do not damage the conductor when removing its insulation.

2. Install complete terminator assembly in threaded hub or slip hole. When tightening, apply wrench to body wrenching surface only.
3. Loosen nut, leaving at least two to three threads engaged with body.
4. Insert prepared end of cord or cable through neoprene bushing until outer covering of cord or cable extends into the bushing assembly to dimension "A" listed in Table below.

| CGFP Cat. # | Male Thread Size | Cable O.D. Range (in.) | Dim. "A" (in.) | If Torque Wrench Used Torque (ft.lbs.) | If Pipe Wrench Used Wrench Length (in.) |
|---|---|---|---|---|---|
| CGFP192 | 1/2 | .125— .250 | 5/8 | 25 | 12 |
| CGFP193 | 1/2 | .250— .375 | | | |
| CGFP194 | 1/2 | .375— .500 | | | |
| CGFP195 | 1/2 | .500— .625 | | | |
| CGFP296 | 3/4 | .625— .750 | 7/8 | 41 | 18 |
| CGFP297 | 3/4 | .750— .875 | | | |
| CGFP2239 | 3/4 | .875—1.000 | | | |
| CGFP396 | 1 | .625— .750 | 7/8 | 58 | 18 |
| CGFP397 | 1 | .750— .875 | | | |
| CGFP3239 | 1 | .875—1.000 | | | |
| CGFP499 | 1-1/4 | 1.000—1.188 | 1-3/16 | 83 | 18 |
| CGFP4911 | 1-1/4 | 1.188—1.375 | | | |
| CGFP599 | 1-1/2 | 1.000—1.188 | 1-3/16 | 100 | 18 |
| CGFP5911 | 1-1/2 | 1.188—1.375 | | | |
| CGFP6913 | 2 | 1.375—1.625 | 1-5/16 | 133 | 24 |
| CGFP6915 | 2 | 1.625—1.875 | | | |
| CGFP7917 | 2-1/2 | 1.875—2.188 | 1-7/16 | | |
| CGFP7920 | 2-1/2 | 2.188—2.500 | | | |
| CGFP8917 | 3 | 1.875—2.188 | | | |
| CGFP8920 | 3 | 2.188—2.500 | | | |
| CGFP923 | 3-1/2 | 2.500—3.000 | 2-7/16 | | |
| CGFP927 | 3-1/2 | 3.000—3.500 | | | |
| CGFP1023 | 4 | 2.500—3.000 | | | |
| CGFP1027 | 4 | 3.000—3.500 | | | |
| CGFP1234 | 5 | 3.500—4.250 | 3 | | |




5. Tighten nut sufficiently to compress the bushing completely around cord or cable. Refer to Table for recommended torque or wrench length values.

## ELECTRICAL TESTING

Do not connect the power until the following electrical tests have been performed.

- Make continuity checks of wiring to verify correct phasing and grounding connections.
- Check insulation resistance to be sure system does not have any short circuits or unwanted grounds.

> **WARNING**
>
> If any part of the cable fitting appears to be broken, or shows signs of damage, **discontinue use immediately.** Replace or properly repair the cable fitting before continuing service.

## MAINTENANCE

Electrical and mechanical inspection of all components must be performed on a regular schedule determined by the environment and frequency of use. It is recommended that inspection be performed a minimum of once a year.

In addition, we recommend an Electrical Preventive Maintenance program as described in the National Fire Protection Association Bulletin NFPA No. 70B.

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