

THE FOLLOWING SECTIONS PROVIDE INSTRUCTIONS FOR INSTALLING INDIVIDUALLY OR A COMBINATION OF 730/720-BRC (BULLET RESISTANT CANISTER), 730/720-CB (COIL BRACKET), AND 730/720-10CK (CONDUIT KIT).

## 12.0 INSTALLATION INSTRUCTIONS - MODEL 730/720-BRC.

12.10 The canister should be mounted to wooden pole, steel pole, or steel lattice structure per standard and local practice of the utility company involved, Several methods of mounting canister may be used. Lag screws or bolts for wood pole, bolts for steel lattice structure, and bolts or steel banding for steel mono-pole. See fig. 1 #4 and #5 for top and bottom mounting bracket holes.

12.11 Ground the canister using the provided 2/0 ground lug on the bottom mounting bracket.

12.12 Slide the closure into the bottom of the canister and secure it in place with the aluminum rod provided. The aluminum rod is secured with the hairpin clip, and a padlock hole is provided.

## 12.13 INSTALLATION INSTRUCTION - MODEL 730/720-BRC WITH MODEL 730/720-CB

12.14 Install the four 10" coil bolts. See fig.2

12.15 The coil bracket should be mounted to wooden pole, steel pole, or steel lattice structure per standard and local practice of the utility company involved. Several methods of mounting coil bracket may be used. Lag screws or bolts for wood pole, bolts for steel lattice structure, and bolts or steel banding for steel mono-pole. See fig. 2 for top and bottom coil bracket mounting holes.

12.16 Mount the canister to the coil bracket on the 1" studs. See fig. 1 #4 and #5 for canister top and bottom mounting holes. See fig. 2 for coil bracket canister mounting studs. Ground the canister using the provided 2/0 ground lug on the bottom mounting bracket.

12.17 The cable circumference per coil is 16.25 feet/ The drip loop after last coil into the canister should be no less than 6 feet. Thus cable from beginning of first coil to closure "butt" must be measured allowing for number coils and drip loop to reach splicing vehicle.

12.18 After splicing is complete and closure is sealed, begin coiling cable around bracket.

12.19 When appropriate number of coils is made to leave drip loop, slide closure into the bottom of the canister and secure it in place with the aluminum rod provided. The aluminum rod is secured with the hairpin clip, and a padlock hole is provided.

12.20 U.V. Resistant cable ties may be used to tie cable to 10” coil bolts and to “dress” cable.

12.21 Ground closure to canister using the provided 2/0 ground lugs on canister and closure end plate.

12.22 INSTALLATION INSTRUCTIONS - 730/720-10CK WITH 730/720-BRC AND 730/720-CB.

12.23 The 730/720-10CK is used when ADSS cable is spliced into OPGW for regeneration sites and spurs off an “EAST-WEST” route. There also must be a 4” conduit from ground up to at least 6 to 8 feet below bottom of canister. See fig. 3.

12.24 Secure E-Loc collar over 4” conduit. See fig.3.

12.25 Secure one end of the 1.5” Liquid Tight conduit(s) to the Liquid Tight connectors that are pre-attached to the BRC coupler plate.

12.26 Feed ADSS cable(s) up through 4” conduit and 1.5” Liquid Tight conduit. Allow 1.5” Liquid Tight conduit to slide down into 4” conduit until BRC coupler plate rests on top of E-Loc collar, leaving ample ADSS cable(s) to come down to splicing vehicle.

12.27 When splicing is complete and closure is sealed, coil OPGW per sec. 12.18 through 12.20 and secure closure into canister using the upper aluminum rod.

12.28 Feed excess ADSS cable(s) between E-Loc collar and bottom of BRC back down to hand hole or regeneration hut service loop.

12.29 Bring canister coupler plate with 1.5” Liquid Tight conduit still attached up to canister bottom allowing ADSS cable(s) to slide within 1.5” conduit.

12.30 Ground the closure to the coupler plate with 6 AWG ground braid provided in the conduit kit.

12.31 Secure BRC coupler plate to bottom of canister using the lower aluminum rod.

12.32 Place E-Loc split seal end plate into E-Loc collar and tighten compression bolts. The bolts should be tightened one full turn after the bolt heads contact the washer. (no more than 8 ft. Lbs.).

