

RUNNING CABLE AND WIRE

SHOP FORMED CABLE

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1.	<u>GENERAL</u>	3.2	<u>Supports for Coils</u>
1.1	<u>Scope of Section</u>	3.21	The R-3409 Coil Cable Dispenser shown in Figure 2 is a heavy duty collapsible turntable type dispenser for unreeling or rewinding coils of cable. The spindle (vertical) assembly is tapered for easy accessibility when placing cable on the dispenser. The combined height of coils of approximately the same length on the spindle should not exceed 20 inches.
1.11	This section covers the requirements and methods for running shop formed cables.		
1.2	<u>General Information Pertaining to Arrangement of Tools, Precautions, Verifications, Specifications, and Drawings and Figures</u>		
1.21	Refer to Section 1 of this handbook for information pertaining to these items.		<b>NOTE:</b> Difficulty will be encountered when running in cable if coils of varying lengths are placed on the R-3409 Coil Cable Dispenser.
2.	<u>INSTALLING EQUIPMENT</u>		
2.1	The tools and supplies normally required for running shop formed cables are listed in Section 200 of this handbook.	3.3	<u>Using Coil Supports</u>
		3.31	Formed cables are furnished in coils or reels with the formed end appearing on either the inner or outer end.
3.	<u>REQUIREMENTS AND METHODS</u>	3.32	<u>Using the Coil Cable Dispenser</u>
3.1	<u>General Procedure</u>	3.321	Load single coil cable (inner end formed) on the R-3409 Coil Cable Dispenser and secure the formed end to the spindle if necessary. Several coils approximately the same length may be placed on the R-3409 Coil Cable Dispenser for running at the same time. The total height of the coils should not exceed 20" (spindle height). Place the coils on the dispenser so that the outside unformed end of each coil comes off the spindle in the same direction.
3.11	In order to avoid injury to the formed cable end, run the cable toward the termination point of the unformed end, except under the following condition.		
3.111	When the termination of the formed end is one or more floors below the termination of the unformed end, place canvas protection around the form, securing it with approved twine, and run this end first.		
3.112	Forms on shop formed cables shall not be cut off in order to facilitate running the cables due to their length.		

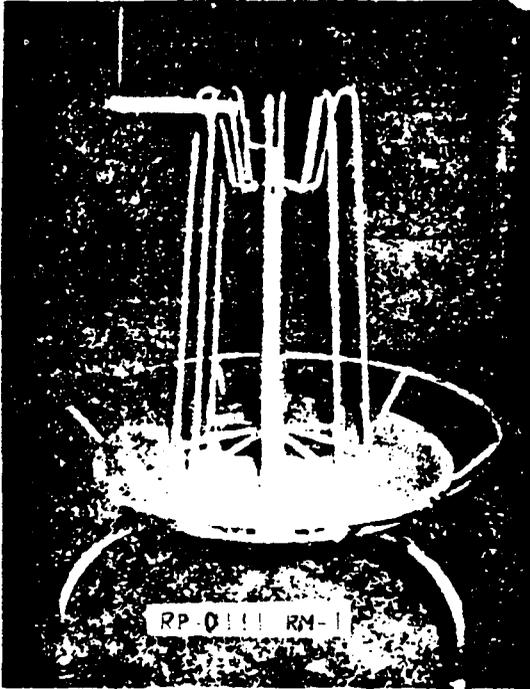


FIGURE 1 COIL CABLE DISPENSER R-3409  
(Pars. 3.21, 3.321, 3.322, and  
3.323)

- 3.322 Load single coil cable (outer end formed) on the R-3409 Cable Dispenser, making sure the outside formed ends come off the spindle in the same direction. Pull the cable off onto the floor to reach the inner unformed end of the cable before running onto the cable rack.

→ Indicates new or changed information.

Reason for Reissue:  
Cable Peel R-2727 Canceled.  
Shop Packaging Methods Changed.

3.323 Load multicoil cables formed together to one assembly on the outer end as follows:

- (a) If space permits, place individual coil on the R-3409 Coil Cable Dispenser and pull cable off onto the floor to reach the inner unformed end of the cable before running directly onto the cable rack. Repeat for each coil of cable connected to the same assembly.
- (b) If there is insufficient space to allow the cable to be run out onto the floor, place individual coils on the R-3409 and feed the loop from the formed end and the Cable Reel Dispenser onto the cable rack. Continue to feed the loop end along the cable rack until the unformed inner end of the coil reaches the termination location for the cable. Repeat for each coil connected to the same assembly.

#### 3.4 Running Cable

3.41 Run formed cable using the same procedure and observe the same preferred bending radii (see Section 211) as for bulk switchboard cable except as follows:

- 3.411 Run in the first cable of a group to determine that the correct length has been furnished.
- 3.412 Place and secure the butt at the formed end and in its proper location before starting to work the slack back along the run.
- 3.413 Work the slack in the cable along the run toward the unformed end after the formed end has been located.
- 3.414 Broom stitches at or near the butt of the form are not to be removed unless they interfere with the fastening of the cables in their permanent position.

Engineering Planning Manager  
Common Installation and Services