Cable Dreseser 48 (CD48) Instructions

June 2013

Patent No. 7,073,541

Cable Dresser 48 Instructions

With two (2) twenty four (24) cable bundles being combined into a single bundle <u>the correct orientation of the two bundles with respect to one another becomes important for the proper breakout at the rack. The two colors (blue and gray) of the CD 48 is used to assist the installer in maintaining this orientation.</u> The installer will also need to take into consideration the number of turns in the cable run and which side of the rack the cable bundle will be on, before placing the cables in the Cable Dresser.

1. Twenty One cables will be placed on the outside of the Cable Dresser. Select ten (10) cables from the first group (group A) of twenty four (24) cables, and eleven (11) cables from the second group (group B) of twenty four cables.

2. Place a hook and loop strap around the fourteen (14) cables remaining in group A and a separate hook and loop strap around the thirteen (13) cables remaining in group B. These two straps have two functions, to separate the outside cables from the inner cables of the bundle during the dress-in, and bundle identification and separation at the rack.

3. Next place the two halves of the "Cable Dresser" tool around the center twenty-seven (27) cables. The split line of the tool should be placed in the vertical position. Now begin placing the remaining twenty-one (21) cables in the outside cable guide slots of the "Cable Dresser" tool. Be sure the (group A) cables and (group B) cables are placed in the proper Blue or Grey half of the tool to maintain proper orientation.

4. Place the hook and loop strap (provided) around the outside of the tool to hold the cables in place.

5. You are now ready to begin dressing the cable bundle.

Recommendations

<u>To Achieve The Fastest Dress-In-Times:</u>

Remove any tangled cables located on the outside of the cable bundle that are to be aligned with the Cable Dresser. You will find that by wrapping the center twenty seven (27) cables with a hook and loop strap and then pulling this strap to the end of the bundle to be very helpful in removing these tangled cables. Be sure to place this strap ahead of the two smaller bundle straps.

<u>Avoiding Divers:</u>

To help keep any of the outside cables from moving or diving to the center of the bundle, we suggest firmly wrapping the center twenty seven (27) cables with a hook and loop strap just ahead of the tool. This strap will assist in maintaining a tighter cable bundle.

Using the CD48 for a 24 Cable Bundle

1. Begin by dressing the twenty four (24) cable bundle as you normally would. After you have placed the first hook and loop strap on the cable bundle you are now ready to install the Cable Dresser tool.

2. Lift the outside cables at the top and sides of the bundle one at a time placing them in your hand. Once you have ten (10) cables in your hand use these cables to lift up the cable bundle exposing the remaining four (4) outside cables on the bottom of the bundle. Gather the four (4) cables on the bottom of the bundle combining them with the other ten (10) cables. You should now have the outside fourteen (14) cables in one hand exposing the center ten (10) cables.

3. Next place the two halves of the "Cable Dresser" tool around the center ten (10) cables. Now begin placing the remaining fourteen (14) cables in the outside cable guide slots of the "Cable Dresser" tool. The CD 48 has twenty two (22) cable guide slots so you will be placing seven (7) cables on the blue side and seven (7) cables on the gray side. Evenly distribute the cables leaving 4 slots empty on each half of the tool

4. Place the hook and loop strap (provided) around the outside of the tool to hold the cables in place.

5. You are now ready to dress the cable bundle.

Recommendations

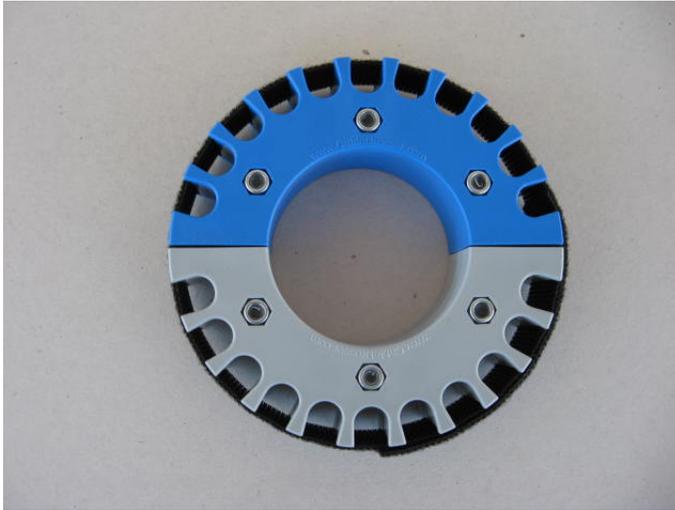**To Achieve The Fastest Dress-In-Times:**

Remove any tangled cables located on the outside of the cable bundle that are to be aligned with the Cable Dresser. You will find that by wrapping the center ten (10) cables with a hook and loop strap and then pulling this to the end of the bundle to be very helpful in removing these tangled cables.
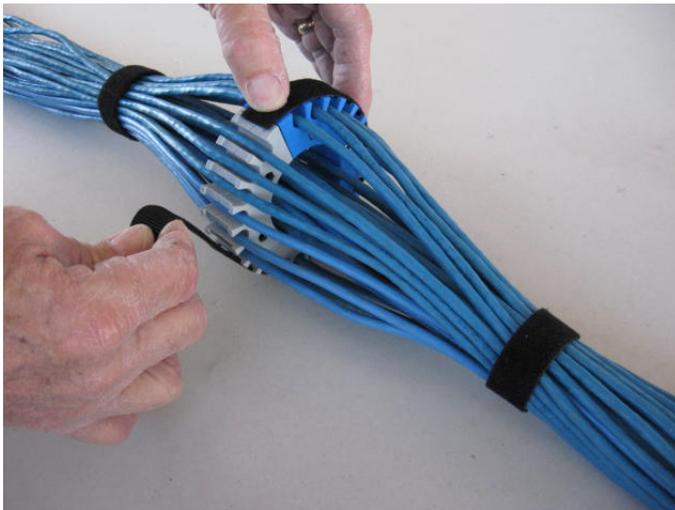
Avoiding Divers:

To help keep any of the outside cables from moving or diving to the center of the bundle, we suggest firmly wrapping the center ten (10) cables with a twenty (20) inch long hook and loop strap, just ahead of the tool. This strap will assist in maintaining a tighter cable bundle.

Pictures

Here are a few application and installation photos of the CD48 (note the use of the CD48 for dressing a 24 cable bundle - what a versatile tool!)
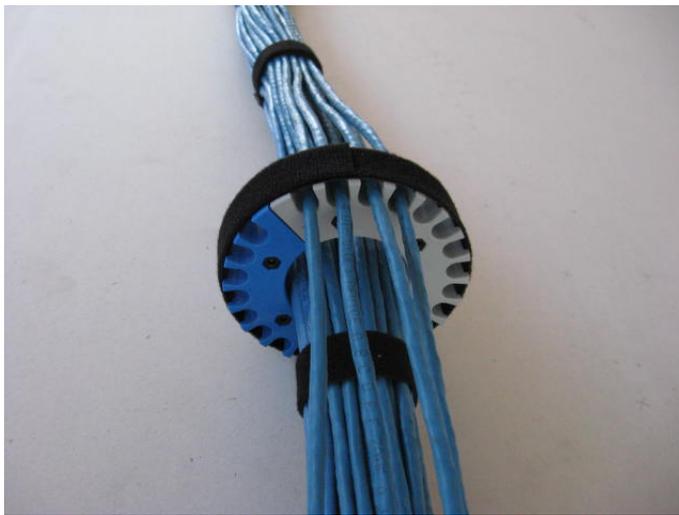

The CD 48's two colors (Blue & Gray) are used to assist the installer in maintaining separation between the two 24 cable bundles being used to make-up the 48 cable bundle. Ten (10) cables from one bundle will be installed on one side of the CD 48 and eleven (11) cables from the other bundle will be installed on the other side.

Using Velcro straps (One on each side of Cable Dresser) to hold cables firmly in place in the cable slots while installing Velcro strap around tool.

CD 48 being used to dress a 48 cable bundle. The three Velcro Straps to the right of the tool have specific functions during the dress-in process. One strap is wrapped around all of the cables in the center of the bundle to assist in providing a firm foundation for the outside cables to lie on. The two straps furthest from the tool performs two functions. Maintaining identification and separation of the two bundles at the rack and to assist the installer in separating the inner cables from the outer cables of the bundle.

Using the Cable Dresser CD48 to add cables to an existing bundle.

CD 48 being used to dress a 24 cable bundle.