

CABLEMATIC JCST Cable Preparation Tools

Instructions for Jacket Seizure/Dual Grip Hardline Connector Combination Coring and Stripping Tools

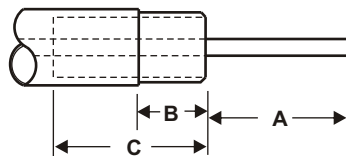
Warning! This tool should not be used on live electrical circuits. It is not protected against electrical shock! Always use OSHA/ANSI or other industry approved eye protection when using tools. This tool is not to be used for purposes other than intended. Read carefully and understand instructions before using this tool.

This instruction sheet contains information on how to use Ripley tools for preparing Semi-flexible Coaxial cables for use with Jacket Seizure or Dual Grip connectors. The tool model is called the JCST and are available for the following types of cable:

CommScope P3, Times Fiber T6, Times Fiber T10, Times Fiber TX and Trilogy MC2

The JCST tools prepare the cable by simultaneously stripping the jacket material, coring the dielectric material and stripping the aluminum sheath. To date, various connector manufacturers are making these special connectors available and we urge the user to read and fully understand these instructions before using the cable preparation tools. The tools in this package are for the following cable preparation dimensions. Be sure to confirm the connector requirements with the appropriate description below.

JCST Cable Preparation Lengths



A - Center conductor length

B - Polyethylene jacket strip length:

C - Coring depth:

CONNECTOR MANUFACTURER: Pyramid/Cabelcon/PPC

This JCST tool is set to prepare the semi-flexible coax cable to the dimensions shown in Page 2 table. The jacket strip length(B) is a controlled, non-adjustable dimension of 1/2". The conductor length (A) is controlled by a strip stop which is secured in the handle portion of the tool. The tool will produce a 5/8" conductor length of CABELCON/PYRAMID connectors. As additional styles of connectors, requiring different conductor strip lengths, are available it will be necessary to remove the 5/8" stop and replace it with the proper stop. These stops will be supplied in this JCST package. Please call our Factory for availability.

Assembly

To provide compact shipping, the JCST tool has been shipped partially assembled. The Tee handle must be inserted into the handle adapter and fastened in place. A hex wrench has been supplied for this purpose. For added leverage or operating in limited space, the Tee handle may be offset to the end and thus provide additional leverage. For drill powered use, the aluminum handle adapter is removed to expose a 3/8" diameter shaft.

Cable Preparation

Manual Operation:

The JCST tool is placed over the end of the cable until the coring blade makes contact with the cable end. Turn the tool in a clockwise direction using forward pressure. This will start the dielectric coring and removal. After a few revolutions of the tool, the jacket stripping blade will start to remove jacket material. As the JCST tool progresses into the cable end, the outer aluminum conductor will be the next to be removed. Continued forward movement is required until the stripping operation automatically stops. This is achieved by the center conductor making contact with the strip stop. Withdraw the tool from the cable end.

Residual dielectric material can be removed from the center conductor by the Cablematic Model CC-100 Conductor Cleaner. This tool has non-metallic scrapers which will not scratch or damage the center conductor. The cable end is now ready to accept the connector.

WARRANTY: RIPLEY warrants its products against defective materials and workmanship for a period of one year from date of shipment from the RIPLEY factory provided the product is utilized in accordance with instructions and specified ratings.



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Power Operation

Remove the aluminum handle assembly at the end of the tool body. This will expose the drill adapter shaft. Place the shaft into a 3/8" variable speed drill chuck and tighten securely. It is advised to operate the drill at slow speeds. The tool is then placed over the cable end, start the drill with a slight forward pressure. Continue the operation as described in manual operation.

Caution - make sure that the drill is not rotating as you remove it from the cable end.

Replacement parts:

Jacket stripping blade: CB 6667 (p/n 19207)

Outer Conductor Stripping Blade: CB 60 (p/n 14902)

Replacement Coring Bit Kits listed in table. (All kits contain one (1) CB 60 blade.)

JCST TOOLS											
Pyramid/Cabelcon Connectors					PPC Connectors						
Model Number	Part No.	Coring Bit Kit	Strip Lengths			Model Number	Part No.	Coring Bit Kit	A	B	C
			A	B	C						
JCST 500 (PD)	35010	CB 115K	5/8"	1/2"	7/8"	JCST 500 (J)	35040	CB 115K	1-1/8"	1/2"	7/8"
JCST 500-R (PD)	35070	CB 115K	5/8"	1/2"	7/8"	JCST 500-R (J)	35085	CB 115K	1-1/8"	1/2"	7/8"
JCST 625 (PD)	35012	CB 116K	5/8"	1/2"	7/8"	JCST 625 (J)	35042	CB 116K	1-1/4"	1/2"	7/8"
JCST 625-R (PD)	35071	CB 116K	5/8"	1/2"	7/8"	JCST 625-R (J)	35086	CB 116K	1-1/4"	1/2"	7/8"
JCST 750 (PD)	35014	CB 117K	5/8"	1/2"	7/8"	JCST 750 (J)	35044	CB 117K	1-1/4"	1/2"	7/8"
JCST 750-R (PD)	35072	CB 117K	5/8"	1/2"	7/8"	JCST 750-R (J)	35087	CB 117K	1-1/4"	1/2"	7/8"
JCST 875 (PD)	35016	CB 118K	5/8"	1/2"	7/8"	JCST 875 (J)	35046	CB 118K	1-1/4"	1/2"	7/8"
JCST 875-R (PD)	35073	CB 118K	5/8"	1/2"	7/8"	JCST 875-R (J)	35088	CB 118K	1-1/4"	1/2"	7/8"
JCST 565TX (PD)	35018	CB 146K	5/8"	1/2"	7/8"	JCST 565TX (J)	35048	CB 146K	1-1/8"	1/2"	7/8"
JCST 565TX-R (PD)	35074	CB 146K	5/8"	1/2"	7/8"	JCST 565TX-R (J)	35089	CB 146K	1-1/8"	1/2"	7/8"
JCST 700TX (PD)	35020	CB 137K	5/8"	1/2"	7/8"	JCST 700TX (J)	35050	CB 137K	1-1/4"	1/2"	7/8"
JCST 700TX-R (PD)	35075	CB 137K	5/8"	1/2"	7/8"	JCST 700TX-R (J)	35090	CB 137K	1-1/4"	1/2"	7/8"
JCST 840TX (PD)	35022	CB 138K	5/8"	1/2"	7/8"	JCST 840TX (J)	35052	CB 138K	1-1/4"	1/2"	7/8"
JCST 840TX-R (PD)	35076	CB 138K	5/8"	1/2"	7/8"	JCST 840TX-R (J)	35091	CB 138K	1-1/4"	1/2"	7/8"
JCST 440MC (PD)	35024	CB 131K	5/8"	1/2"	7/8"	JCST 440MC (J)	35054	CB 131K	1-1/8"	1/2"	7/8"
JCST 440MC-R (PD)	35077	CB 131K	5/8"	1/2"	7/8"	JCST 440MC-R (J)	35092	CB 131K	1-1/8"	1/2"	7/8"
JCST 500MC (PD)	35026	CB 132K	5/8"	1/2"	7/8"	JCST 500MC (J)	35056	CB 132K	1-1/8"	1/2"	7/8"
JCST 500MC-R (PD)	35078	CB 132K	5/8"	1/2"	7/8"	JCST 500MC-R (J)	35093	CB 132K	1-1/8"	1/2"	7/8"
JCST 650MC (PD)	35028	CB 133K	5/8"	1/2"	7/8"	JCST 650MC (J)	35058	CB 133K	1-1/4"	1/2"	7/8"
JCST 650MC-R (PD)	35079	CB 133K	5/8"	1/2"	7/8"	JCST 650MC-R (J)	35094	CB 133K	1-1/4"	1/2"	7/8"
JCST 750MC (PD)	35030	CB 134K	5/8"	1/2"	7/8"	JCST 750MC (J)	35060	CB 134K	1-1/4"	1/2"	7/8"
JCST 750MC-R (PD)	35080	CB 134K	5/8"	1/2"	7/8"	JCST 750MC-R (J)	35095	CB 134K	1-1/4"	1/2"	7/8"

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