

Instructions for Using and Maintaining the Super CPT™ Stripping Tool from Cable Prep®



The Cable Prep® Super CPT™ Stripping Tool is specifically designed to strip large-diameter 50 and 75-ohm cables, and it even strips AP/AQ cables. However, because the tool is so versatile, it can also be used to strip TXFF and smaller 50- and 75-ohm cables, such as RG-6, -59, -7, and -11 cables.

The Super CPT is unique in that it has two cartridge slots to facilitate working on different sized cables. Each slot accommodates a variety of cartridges, including those used with Cable Prep CPT tools. The quick-release mechanism enables you to change a cartridge easily by simply pushing a button to release it from the body.

The tool strips the jacket and cuts back the braid and dielectric. The cartridge color identifies the cable size and strip-back dimension for which it is intended.

The Cable Prep Super CPT tool will strip any drop cable. Because the tool is self-adjusting for braid coverage, from 60 percent through quad-shield, a special tool is not required for stripping quad-shield cables.



To strip a cable:

Note that the Super CPT tool has a spring action that closes the tool around the cable automatically. Where the head of the tool opens to grab the cable, there is a "V" that secures the cable when the tool is closed around it. The opposite end of the tool has a large finger hole.

1. Ensure that the Super CPT tool is clean and free of debris. Use BioChem Systems Cable Clear® cleaning solution, available from Cable Prep, to clean the tool if necessary. *Do NOT use oil on the tool as it may damage the plastic.* Use care not to place your fingers near the cartridge blades, as they are very sharp.
2. Cut the cable to ensure that you have a square, cleanly cut end.
3. Being sure to use the correct (front or rear) cartridge for your application, place the cable between the jaws in the "V" of the tool. Orient the cable so that its end is facing in the direction of the arrow embossed on the lever of the tool. To obtain the center conductor exposure dimension set for the cartridge, place the cable end flush with the side of the cartridge. If you require a longer center conductor exposure, extend the cable beyond the side of the tool to the appropriate length.
4. Place your finger in the hole at the back of the tool. Rotate the tool around the cable in either direction until you hear that braid is no longer being cut. Generally, this will require no more than 2 or 3 rotations.
5. Rotate the tool in the opposite direction another few turns. *EXCEPTION: For RG-7 and -11 cables, do NOT rotate the tool in the opposite direction. Because these cables have low braid coverage, doing so tends to wind the braid around the dielectric.*
6. For small-diameter cables, you can pull the jacket and dielectric off the cable with the tool. Leave the tool closed around the cable, grasp the head of the tool, and pull it off the end of the cable. This action will remove the jacket, excess braid, and dielectric. For large cables, squeeze the handles together to open the tool, and remove it from the cable. Using your fingers, pull the jacket and dielectric from the cable.
7. Note that as you squeeze the handles, a patented clean-out feature automatically removes debris from between the cutting blades of the black cartridge whenever you open the tool.
8. Use the Cable Prep Hex Crimp Tools or TerminX® Compression Tools to attach the appropriate connector to the cable.



CAUTION: The blades in the Super CPT cartridges are extremely sharp. Be sure to keep your fingers clear of the blades.



TECH TIP: If it is necessary to clean additional debris from the sides of the cartridge, the center conductor of the cable you just stripped may be used for this purpose.



TECH TIP: If you stripped flooded cable, use a cotton swab with Cable Clear to remove the flooding compound from the tool.

To maintain the Super CPT stripping tool:

Ensure that the tool is clean and free of debris. Use BioChem Systems Cable Clear® cleaning solution, available from Cable Prep, to clean the tool if necessary. Do NOT use oil on the tool as it may damage the plastic. Use care not to place your fingers near the cartridge blades as they are very sharp.

Although Cable Prep blades are made of hardened tool steel for long life and easy cutting, they may need replacing after extended use. Replacement cartridges are available from Cable Prep.

To replace a Super CPT cartridge:

1. Push the button over the cartridge to release it. Discard the cartridge in a proper receptacle.
2. Insert the new cartridge, and squeeze the tool closed to seat the cartridge properly.

Cartridges

Cable Type	Braid Exposure		Center Conductor Exposure		Cable Prep Order Number	Required Cartridge Position*		Cartridge Color	Qty per pkg	Weight	
	mm	inches	mm	inches		inner	outer			pounds	kilograms
6 & 59	6.4	.250	6.4	.250	RBC-6590**	X		Black	10	0.18	0.08
6 & 59 Plenum	6.4	.250	6.4	.250	RBC-6590PL	X		Blue	10	0.18	0.08
6 & 59	3.2	.125	6.4	.250	RBC-1250**	X		Blue	10	0.18	0.08
7 & 11	6.4	.250	6.4	.250	RBC-1100**		X	Gray	10	0.18	0.08
7 & 11 Plenum	6.4	.250	6.4	.250	RBC-1100PL		X	Green	10	0.18	0.08
7 & 11	3.2	.125	6.4	.250	RBC-1100-125**		X	Orange	10	0.18	0.08
CommScope 59 Quad Series Head End	6.4	.250	6.4	.250	RBC-59HEC2	X		White	1	0.04	0.02
	Cuts off first layer of braid										
Times Fiber Flex Feeder (TXFF)	6.4	.250	Adjustable		RBC-TXFF-250		X	Yellow	1	0.04	0.02
Andrews 50-ohm 0.300" Braid Replacement cable					RBC-BR300		X	White	1	0.02	0.01
Andrews 50-ohm 0.400" Braid Replacement cable					RBC-BR400		X	Yellow	1	0.02	0.01
Andrews 50-ohm 0.600" Braid Replacement cable					RBC-BR600		X	Orange	1	0.02	0.01
Andrews 75-ohm CSA-6 Braid Replacement cable					RBC-CSA6-C	X		Blue	1	0.02	0.01
Andrews 75-ohm CSA-11 Braid Replacement cable					RBC-CSA11-C		X	Yellow	1	0.02	0.01

* Cartridges must be placed in the cartridge position indicated.

** This cartridge works with 67% braid coverage through Quad.