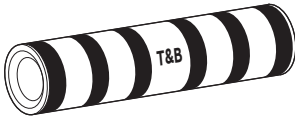


INSTRUCTION SHEET

Connectors, two way splicer

Cable Size: 250 MCM to 1000 MCM

Color-Keyed®



Important

Read and understand all instructions and safety information before use. Be aware of proper usage and potential hazards.



WARNING

- Risk of shock, disconnect power before installation.
- Do not crimp on energized wires.



CAUTION:

- Product should be installed by a qualified electrician in accordance with national and local electrical codes

General information:

- Made of high conductivity copper, electro-tin plated
- UL and CSA listed for copper "code" cables
- Additional listings and certifications on fine stranding classes: G,H,I,K and M (Table 1 on reverse side).
- Color coded to assist in the matching of installing die and connector.

Instructions:

1. Strip the insulation (Figure 1) from cable to length specified in Table 1 (on reverse side) taking care not to nick cable strands.
2. Clean cable end with wire brush or emery cloth.
3. Refer to Table 1 (on reverse side) for information on color coding, connector combinations and insulating methods. Select desired connector and insulating method.
4. Insert cable into connector until it stops (Figure 2). The insertion length will approximate the stripped length of cable.
5. Refer to Table 1 (on reverse side) to select installing die and the number of compressions required for die connector combination. Insert connector in die and compress between markings beginning near the center of the connector and work towards the end, (Figure 3). **CAUTION: Use of improper installing dies may result in malfunctioning connection.**
6. After crimping, remove all sharp edges, flashes, or burrs.
7. Insulate following method in Table 1 (on reverse side) for insulating methods. Insulate as recommended.



Figure 1

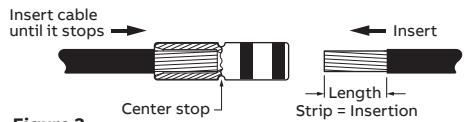


Figure 2

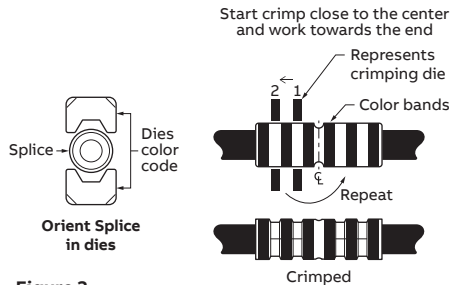


Figure 3

Table 1
Strip length, Cable size, Color codes, Die codes, Tools, and Insulating methods

Product selection - inches																						
Part no.	Strip length	Cable size	Classes	Flex die combo †		Color code	Hex die code	Hand tools				Smart tools	Hydraulic tools				Battery operated tools			Insulation methods		
				No. of compression(s) per side	6 ton			14/15		No. of compression(s) per side	No. of compression(s) per side				No. of compression(s) per side			Cover	Shrink tubing	Adhesive pad		
					TBM4S **			TBM5	TBM6	TBM8	TBM8-750 TBM8-750BSCR TBM8-750M-1	TBM6H 6 Ton	12 Ton	15 Ton	40 Ton	BPLT6B5CSR BPLT6ZB5CSR	BPLT14B5CSR BPLT15B5CSR					
54513	1½	250 MCM	—	—	—	Yellow	62	2	2	2	2	1	2	1	1	1	2	1	SC350C	HS40-400L	AC5x7	
53964	1½	4/0 Weld 550/24 133/0399 259/0286 637/0183	4/0 G,H,I,K,M	TBM6262X TBM62X	15500X 15510X	Yellow	62	—	2	2	2	1	2	1	1	1	2	1	SC350C	HS40-400L	AC5x7	
54514	1½	300 MCM	—	TBM62X TBM6266X	15500X 15534X	White	66	—	—	2	2	1	2	2*	1	1	2	1	SC350C	HS4C-400L	AC5x7	
54515	1½	350 MCM	—	—	15500X 15514X	Red	71	—	—	2	2	1	2	2*	2*	1	2	2*	—	HS40-400L	AC5x7	
54516	1½	400 MCM	—	—	15500X 15512X	Blue	76	—	—	2	2	1	2	2*	1	1	2	1	SC500C	HS40-400L	AC5x7	
54518	1½	500 MCM	—	—	—	Brown	87	—	—	—	2	1	2	2*	2*	1	2	2	SC500C	HS500-1000L	AC5x7	
53968	1½	500 Weld 1100/24 259/0417 427/0325 703/0253	—	—	15506X 15500X	Brown	87	—	—	—	2	1	2	2*	2	1	2	2	—	HS500-1000L	AC5x7	
54520	1½	600 MCM	—	—	15500X 15536X	Green	94	—	—	—	—	1	—	2*	2*	1	—	2*	—	HS500-1000L	AC85x75	
54522	1½	700 MCM	—	—	—	Pink	99	—	—	—	—	1	—	2*	2*	1	—	2*	—	HS500-1000L	AC85x75	
53969	1½	1325/24 427/0342	—	—	15605X 15600X	Pink	99	—	—	—	—	1	—	2*	2*	1	—	2*	—	HS500-1000L	AC85x75	
54523	1½	750 MCM	—	—	15615X 15600X	Black	106	—	—	—	—	1	—	2*	2*	1	—	2*	—	HS500-1000L	AC85x75	
54528	1¾	1000 MCM	—	—	—	—	125	—	—	—	—	1	—	—	2*	1	—	2*	—	HS500-1000L	AC85x75	

Note: Product must be installed in accordance with applicable national and local electrical codes.

Note: Some part numbers in table 2 have suffixes: i.e. XXXXXG (indicating special packaging). All crimp requirements for these parts are the same as for the base part numbers.

* Indicates the number of compressions with half width die. **For copper code cables only. †Apply one crimp for short barrel; two crimps for long barrel.

