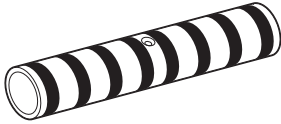


INSTRUCTION SHEET

Connectors, long barrel two way splicer

Copper, for 600V applications

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 from the cable to the length found in Table 1 (on reverse side) taking care not to nick cable strands (Figure 1).
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

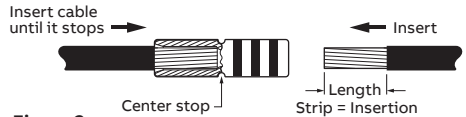


Figure 2

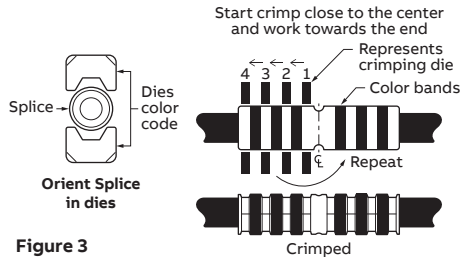


Figure 3



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	
		/24 wire	Code wire		6 ton	14/15			No. of compression(s) per side					No. of compression(s) per side				No. of compression(s) per side				No. of compression(s) per side		Shrink tubing	Adhesive pad
									TBM21E	TBM45	TBM5	TBM6	TBM8	TBM8-750	TBM6H	12 Ton	15 Ton	40 Ton	BPLT6BSCR	BPLT14BSCR	BPLT62BSCR	BPLT15BSCR			
54804	¾	37/24	#8 ◊	#8 G,H,K	TBM62X	15500X	Red	21	4	2	2	2	2	1	2	2	2	—	1	1	HS12-6	AC4x3			
					TBM6221X	15520X																			
54805◊	¾	61/24	#6 ◊	#5 G,H,I,K	TBM62X	15500X	Blue	24	4	2	2	2	2	1	2	2	2	2	2	2	2	2	2		
					TBM6224X	15522X																			
54806	¾	91/24	#4 ◊	#4 G,H,I,K,M	TBM62X	15500X	Gray	29	4	2	2	2	2	1	2	2	2	2	2	2	2	2	2		
					TBM6229X	15527X																			
54807▲	7/8	125/24	#2 ◊	#3 G,H,I,K,M	TBM62X	15500X	Brown	33	4	2	2	—	2	1	2	2	2	2	2	2	2	2	2		
					TBM6233X	15528X																			
54808	1	150/24	#1 ◊	#2 G,H,I,K,M	TBM62X	15500X	Green	37	—	2	2	2	2	1	2	—	2	2	2	2	2	2	2		
		175/24			TBM6237X	15513X																			
54809▲	1	225/24	1/0 ◊	#1 G,H,I,K,M	TBM62X	15500X	Pink	42	—	2	2	2	2	1	2	2	2	2	2	2	2	2	2		
					TBM6242X	15508X																			
54810▲	1	275/24	2/0 ◊	1/0 G,H,I,K,M	TBM62X	15500X	Black	45	—	3	3	3	3	1	2	2	2	2	2	2	2	2	2		
					TBM6245X	15526X																			
54811	1 ¼	325/24	3/0 ◊	2/0 G,H,I,K,M	TBM62X	15500X	Orange	50	—	3	3	3	3	1	2	2	2	2	2	2	2	2	2		
					TBM6250X	15530X																			
45812▲	1 ¼	450/24	4/0 ◊	3/0 G,H,I,K,M	TBM62X	15500X	Purple	54	—	4	4	4	4	1	4	4**	4**	2	2	2	4	4**	HS40-400	AC5x7	
					TBM6254X	15511X																			
54813▲	1 ¾	550/24	250 ◊	4/0 G,H,I,K,M	TBM622X	15500X	Yellow	62	—	4	4	4	4	1	4	2	2	2	2	2	4	2	2		
					TBM62X	15510X																			
54814	1 1/16	—	300 ◊	250 G,H,I,K	TBM62X	15500X	White	66	—	—	—	—	4	1	4	2	2	2	2	2	4	2	2		
					TBM6266X	15534X																			
54815	1 13/16	650/24	350 ◊	—	—	15500X	Red	71	—	—	—	4	4	1	4	4**	4**	2	2	2	4	4**	4**		
						15514X																			
54816	1 13/16	775/24	400 ◊	300 G,H,I,K	—	15500X	Blue	76	—	—	—	—	4	1	4	2	2	2	2	2	4	2	2		
						15512X																			
54818▲	2 5/16	925/16	500 ◊	400 G,H,I	—	15500X	Brown	87	—	—	—	—	4	1	4	4**	4**	2	2	2	4	4**	HS500-100	AC5x7	
						15506X																			
54820	2 1/16	1100/24	600	350 K	—	15500X	Green	94	—	—	—	—	—	1	—	4**	4**	2	2	2	—	4**	HS500-100	AC85x75	
						15536X																			
256-30695-1505	2 3/8	1325/24	—	450 I,K	—	15600X	Pink	99	—	—	—	—	—	1	—	4**	4**	2	2	2	—	4**	HS500-100	—	
						15615X																			
54823	2 3/8	—	750	500 G,H,I,K	—	—	Black	106	—	—	—	—	—	1	—	4**	4**	2	2	2	—	4**	4**		
54828	2 3/4	—	1000	—	—	—	—	125	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
58524*	2 7/16	1600/24	—	—	—	—	Black	106	—	—	—	—	—	—	—	4**	4**	2	2	2	—	4**	4**		
58526*	2 1 1/16	1925/24	900	—	—	15600X	Yellow	115	—	—	—	—	—	—	—	2	4	2	2	2	—	4	4		
						15604X																			
54833	3 1/8	—	1500	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	—	HS12-29	AC85x105	
54839	3 3/8	—	2000	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	—	—	—		

Note: Product must be installed in accordance with applicable national and local electrical codes.
 Note: Number of compressions using hydraulic heads to be determined by markings on connector. However, when die number has an H suffix (denoting half die) double the number of compressions.
 *Not CSA approved. **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.
 ◊ = UL listed for solid conductors using TBM8-750, TBM8-750BSCR or TBM8-750M-1 only. ◊ = UL listed for parallel splicing of two #10 AWG. SOL. CU. cables. ▲ = UL and CSA approved for direct burial DB