

# Color-Keyed®

## COPPER COLOR-KEYED® LUGS

Cable Size: 250 MCM to 1000 MCM



**WARNING**

**DO NOT CRIMP ON ENERGIZED WIRES.**

### 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 (see table on back page).
- An inspection peep hole provided to ensure adequate cable insertion.
- Color coded for correct matching of installing die and connector.

### INSTALLING INSTRUCTIONS

1. Strip the insulation from cable to the length shown in table (on reverse side). Be careful not to nick cable strands which may later result in strands breaking.
2. Cable end should be clean: wire brushed then inserted into the connector until it stops. Inspect cable through peep hole to confirm cable is fully inserted.
3. Insert connector in die and compress between the markings beginning near the tongue of the connector. Table on reverse side shows installing die and the number of compressions required for each die connector combination.

**CAUTION**

**Using improper installing dies may result in the connector failing in service.**

4. After crimping, remove all sharp edges, flash or burrs.
5. Insulating methods shown in table on reverse side.

### INSULATION CHOICE

1. Adhesive Pad: AC 5x7 Size Key #4. Use on all connector sizes.
2. Shrink Tubing: Part No. HS40-400. Use on cable size 250 MCM through 427/.0306; Part No. HS500-1000 on cable size 500 MCM through 1000 MCM.

**WARRANTY:** Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of this product for the user's intended application. Thomas & Betts warrants that this product will be free from defects in materials and workmanship for a period of two (2) years following the date of purchase. Upon prompt notification of any warranted defect, Thomas & Betts will, at its option, repair or replace the defective product or refund the purchase price. Proof of purchase is required. Misuse or unauthorized modification of the product voids all warranties.

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Catalog Number		Strip Length (in.)	Cable Size	Color Code	Hex Die Code	Classes	Flex Die Combo †		Number of Compressions												
One Hole Lugs	Two Hole Lugs						6 TON	14/15	Hand Tools				Hydraulic Tools			Battery Operated Tools			TBM8-750 TBM8-750BSCR TBM8-750M-1		
									** TBM4S	TBM5	TBM6	TBM8	TBM6H 6 Ton	12 Ton	14 / 15 Ton	40 Ton	BPLT6BSCR BPLT62BSCR	BPLT4BSCR BPLT15BSCR			
54172-TB 54173 54174 55156 54113	54213 54275	1-1/8	250 MCM 250 Navy	Yellow	62	-	-	-	2	2	2	2	2	2	1	1	1	2	1	1	
58161 58162 58163 58165 58166	58265	1-1/8	4/0 Weld 550/24 133/.0399 259/.0286 637/.0183	Yellow	62	4/0 G, H, I, K, M	TBM6262X TBM62X	15500X 15510X	-	2	2	2	2	2	1	1	1	2	1	1	
54178 54179 54114 54181 55162	54214 54280	1-1/8	300 MCM 300Navy	White	66	-	-	-	-	-	2	2	2	2*	1	1	1	2	1	1	
58168	-	1-1/8	250 Weld 650/24 259/.0311 703/.0189	White	66	250 G, H, I, K	TBM62X TBM626X	15500X 15534X	-	-	2	2	2	2*	1	1	1	2	1	1	
54115 54183 55165	54215 54282 256-30695-332	1-1/8	350 MCM 350 Navy	Red	71	-	-	-	-	-	2	2	2	2*	2*	1	1	2	2*	1	
58171	-	1-1/8	300 Weld 775/24 259/.034 427/.0265 889/.0183	Red	71	300 G, H, I, K	-	15500X 15514X	-	-	2	2	2	2*	2*	1	1	2	2*	1	
54116 54185	54216 54283	1-5/16	400 MCM 400 Navy	Blue	76	-	-	-	-	-	2	2	2	2*	1	1	1	2	1	1	
58174	-	1-5/16	350 Weld 427/.0285 259/.0368 703/.0224 889/.0201	Blue	76	350 G, H, I, K	-	15500X 15512X	-	-	2	2	2	2*	1	1	1	2	1	1	
58177	58277	1-3/8	400 Weld 925/24 259/.0393 427/.0306	-	80	400 G, H, I, K	-	15500X 15517X	-	-	-	-	2	2*	2*	1	1	2	2*	1	
54118 54187 55171	54218 54286	1-5/16	500 MCM 500 Navy	Brown	87	-	-	-	-	-	-	2	2	2*	2*	1	1	2	2*	1	
58180	54279	1-5/16	500 Weld 1000/24 259/.0417 427/.0325 703/.0253	Green	94	450 I, K	-	15500X 15536X	-	-	-	-	-	2*	2*	1	1	-	2*	1	
54120	54220 54289	1-1/2	600 MCM	Green	94	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	1	
	54221	1-1/2	650 Navy	Green	94	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	1	
54122-TB	54291	1-1/2	700 MCM	Pink	99	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	1	
58182 256-30695-1503 256-30695-1504	58281	1-1/2	1325/24 427/.0342	Pink	99	500 G, H, I, K	-	15600X 15605X	-	-	-	-	-	2*	2*	1	1	-	2*	1	
54123-TB 55178	54223	1-5/8	750 MCM	Black	106H	600 G	-	15600X 15615X	-	-	-	-	-	2*	2*	1	1	-	2*	1	
54879NT	-	1-7/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
58184	-	1-5/8	1600/24 893/.027 888/.0265	Black	106H	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	-	
54124-TB	54224	1-3/4	800 MCM 800 Navy	Orange	107	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	-	
54126	54226	1-5/8	900 MCM 1925/24	Yellow	115	-	-	-	-	-	-	-	-	2*	2*	1	1	-	2*	-	
58825NT	-	1-7/8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
54128	54228	1-3/4	1000 MCM 1000 Navy	-	125	-	-	-	-	-	-	-	-	2*	1	1	1	-	2*	-	

\* 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.

**NOTE:** Some special configurations of catalog numbers shown above have suffixes as follows: XXXXB-T - Blank Tongue, XXXXNT - Narrow Tongue, XXXXGSP - Silver Plated, XXXXBE - Blind End (no inspection hole). All crimp settings for these parts are the same as for the base numbers.

XXXXXG - special packaging