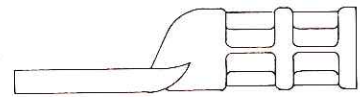


How to make a good copper* connection

Mac connectors and lugs are marked to indicate die spacing. Where more than one compression is required, allow 1/8" spacing between compressions.



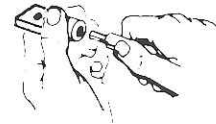
- 1** Select lug marked for the wire size to be used.



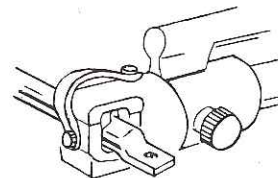
- 2** Do not nick or ring conductor strands when stripping the wire insulation.



- 3** Insert the conductor all the way into the barrel and, using the proper die index (see chart), crimp the connector.



- 4** Compress from base of socket toward cable.



*Copper connectors are to be used on copper cable only.

TYPE I—INSTALLING DIES FOR MAC CUPPER CONNECTORS

MECHANICAL TOOLS

HYDRAULIC TOOLS

Cable Size	Color Key	MRA MRB TOP MBA MBB Crimps	MRC MRCB MT MTC MTCP Crimps	MSA MSB MSC Crimps	TBM6		TBM8 Die Cat. No.	MRA MRB TOP MBA MBB Crimps	MRC MRCB MT MTC MTCP Crimps	MSA MSB MSC Crimps	13642 12 Ton Hydraulic		TBM15		21920 * 20 Ton		21940 * 40 Ton	
					Cat. No. Upper Die	Cat. No. Lower Die					Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.	Die Cat. No.	Die Code No.
6	Blue	2	2	2	13475	13477	13461	2	2	2	11733	24	15522	24	—	—	—	—
4	Grey	2	2	2	13472	13476	13461	2	2	2	11734	29	15527	29	11161	29	11401	29
2	Brown	2	2	2	13474	13477	13461	2	1	1	11735	33	15528	33	11150	32	11402	33
1	Green	2	2	2	13474	13477	13462	2	1	1	11736	37	15513	37	11151	37	11333	37
1/0	Pink	3	2	2	13475	13477	13462	3	2	2	11737	42	15508	42H	11152	42	11334	42
2/0	Black	3	2	2	13474	13477	13462	2	1	1	11738	45	15526	45	11165	45	11405	45
3/0	Orange	3	2	2	13474	13477	13462	2	2	2	11739	50	15530	50	—	—	11406	50
4/0	Purple	3	2	2	13475	13477	13463	3	2	2	11740	54	15511	54H	11167	54	11407	54
250	Yellow	3	2	2	13473	13476	13463	1	1	1	11771	62	15510	62	—	—	11340	62
300	White	4	3	3	13473	13476	13465	2	1	1	11742	66H	15534	66	11169	66	11409	66
350	Red	4	3	3	13472	13476	13466	3	2	2	11743	71H	15514	71H	—	—	11363	71
400	Blue	4	3	3	13472	13476	13467	2	1	1	11744	76H	15512	76	11170	76	11410	76
500	Brown	4	3	3	—	—	13468	3	2	2	11746	87H	15506	87H	11176	87	11423	87
600	—	—	—	—	—	—	—	3	2	2	11747	94H	15611	94H	—	—	11364	94
700	—	—	—	—	—	—	—	3	2	2	11748	99H	15505	99H	11173	99	11424	99
800	—	—	—	—	—	—	—	3	2	2	11749	106H	15515	106	11140	106	74506	106
900	—	—	—	—	—	—	—	3	2	2	11750	107H	15608	107H	—	—	11425	107
1000	—	—	—	—	—	—	—	3	2	2	11753	115H	15504	115H	11157	115H	11308	115
—	—	—	—	—	—	—	—	4	3	3	—	—	15603	125H	11158	125H	11416	125

*In some cases where wider dies are substituted for "H" suffix dies, it may be necessary to reduce the number of compressions.

TYPE II—DIE SETS FOR MAC CUPPER CONNECTORS

Cable Size	Die Index	MTC, MTCP MRA, MRB, MRB TOP, MBA, MBB, MRC, MRCB, MT, MTC Crimps	MSA MSB MSC Crimps	Y34A			Y35	Y39	Y46*	Y48B			Y486B	Y60B
				Die	Nest	Indenter				Die	Nest	Indenter		
6	7	1	1	A5CR	A6CD	Y34PR	U5CRT	U5CRT	U5CRT	—	—	—	—	—
4	8	1	1	A4CR	A4CD	Y34PR	U4CRT	U4CRT	U4CRT	—	—	—	—	—
2	10	1	1	A2CR	A2CD	Y34PR	U2CRT	U2CRT	U2CRT	—	—	—	—	—
1	11	1	1	A1CR	A1CD	Y34PR	U1CRT	U1CRT	U1CRT	—	—	—	—	—
1/0	12	1	1	A25R	A25D	Y34PR	U25RT	U25RT	U25RT	—	—	—	—	—
2/0	13	1	1	A26R	A26D	Y34PR	U26RT	U26RT	U26RT	—	—	—	—	—
3/0	14	1	1	A27R	A27D	Y34PR	U27RT	U27RT	U27RT	—	—	—	—	—
4/0	15	1	1	A28R	A28D	Y34PR	U28RT	U28RT	U28RT	C28R	C28D	Y48PR	—	—
250	16	1	1	A29R	A29D	Y34PR	U29RT	U29RT	U29RT	C29R	C29D	Y48PR	—	—
300	17	2	1	A30R	A30D	Y34PR	U30RT	U30RT	U30RT	C30R	C30D	Y48PR	—	L30RT
350	18	2	1	A31R	A31D	Y34PR	U31RT	U31RT	U31RT	C31R	C31D	Y48PR	F31R	L31RT
400	19	2	1	A32R	A32D	Y34PR	U32RT	U32RT	U32RT	C32R	C32D	Y48PR	—	L32RT
500	20	2	1	A33R	A33D	Y34PR	U33RT	U33RT	U33RT	C33R	C33D	Y48PR	—	L33RT
600	22	2	1	—	—	—	U36RT	U36RT	U36RT	C36R	C36D	Y48PR	F36R	L36RT
750	24	2	1	—	—	—	—	U39RT	U39RT	C39R	C39D	Y48PR	F39R	L39RT
800	25	2	1	—	—	—	—	—	—	C40R	C40D	Y48PR	—	—
1000	27	2	1	—	—	—	—	—	—	C44R	C44D	Y48PR	F44R	L44RT
1500	31	2	1	—	—	—	—	—	—	C46R	C46D	Y48PR	F46R	L46RT
2000	34	2	1	—	—	—	—	—	—	—	C48D	Y48PR	F48R	L48RT

*U Dies with a Y46 require a P-UADP adaptor.



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