



C e m b r e

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COPPER BUTT SPLICES STANDARD LENGTH BARREL L-M SERIES



GENERAL INFORMATION

- UL listed for US per 486 C up to 35 kV (File nr. E125401).
- The splices are for use with Cu wire.
- The splices are for use for internal wiring of equipment only.
- L-M series butt splices are manufactured from electrolytic copper tube, annealed to guarantee optimum ductility and electrolytically tin plated to avoid oxidation.
- The centre stop provide for proper conductor insertion.
- The connectors is clearly marked with wire size.

INSTALLATION INSTRUCTIONS

- 1) Select proper L-M splice for the Cu wire size used.
- 2) Strip the cable insulation for a length equal to half connector.
- 3) Insert conductor into each side.
- 4) Select the proper die as indicated in the table below.
- 5) Apply the proper # of crimps, as indicated in the same table.

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Cembre S.p.A.
Via Serenissima, 9
25135 Brescia (Italia)
Telefono: 030 36921
Telefax: 030 3365766
E-mail: sales@cembre.com
www.cembre.it

Cembre Ltd.
Dunton Park
Kingsbury Road, Curdworth - Sutton Coldfield
West Midlands B76 9EB (Great Britain)
Tel.: 01675 470440 - Fax: 01675 470220
E-mail: sales@cembre.co.uk
www.cembre.co.uk

Cembre S.a.r.l.
22 Avenue Ferdinand de Lesseps
91420 Morangis (France)
Tél.: 01 60 49 11 90 - Fax: 01 60 49 29 10
B.P. 37 - 91421 Morangis Cédex
E-mail: info@cembre.fr
www.cembre.fr

Cembre España S.L.
Calle Verano, 6 y 8 - P.I. Las Monjas
28850 Torrejón de Ardoz - Madrid (España)
Telefono: 91 4852580
Telefax: 91 4852581
E-mail: comercial@cembre.es
www.cembre.es

Cembre AS
Fossnes Senter
N-3160 Stokke (Norway)
Phone: (47) 33361765
Telefax: (47) 33361766
E-mail: sales@cembre.no
www.cembre.no

Cembre GmbH
Heidemannstraße 166
80939 München (Deutschland)
Telefon: 089/3580676
Telefax: 089/3580677
E-mail: sales@cembre.de
www.cembre.de

Cembre Inc.
Raritan Center Business Park
181 Fieldcrest Avenue
Edison, New Jersey 08837 (USA)
Tel.: (732) 225-7415 - Fax: (732) 225-7414
E-mail: Sales.US@cembreinc.com
www.cembreinc.com



SIZES	CONDUCTOR RANGE			INSTALLATION TOOLING (# of crimps for each side)					
				50 kN		120 - 130 kN		230 kN	520 kN
				6 sh tons		13.5 - 14.6 sh tons		25.8 sh tons	58.4 sh tons
SPLICES	[AWG] [MCM]	low str	fine str	HT51 with suffix L, L-KV; RH50, RHM50, B51 with suffix L, A, LA, KV, LA-KV; B500 with suffix A, KV, A-KV	HT120, HT120-KV; HT131 with suffix -C, U-C, LN-C; RHC131 with suffix LN, -KV; RHM132; RHU131-C; B135, B1350, B131, B1300 with suffix C, -CA, LN-C, LN-CA, C-KV, CA-KV, L-C-KV, LN-CA-KV, -UC	ECW-H3D	RHU520		
		[mm ²]							
L2-M	8 AWG	10		ME1 (1)	MA2+PA10 (1)	ME2 (1)	AU230-130D ADAPTER + 130 kN dies	AU520-130C ADAPTER + 130 kN dies	
L3-M	6 AWG	16		ME2 (1)	MA3+PA10 (1)	ME3 (1)			
L5-M	4 AWG	25		ME3 (1)	MA5+PA10 (1)	ME5 (1)			
L7-M	2 AWG	35	25-35	ME5 (1)	MA7+PA10 (1)	ME7 (1)			
L10-M	2-1/0 AWG	50	35-50	ME7 (1)	MA10+PA10 (1)	ME10 (1)			
L14-M	1/0-2/0 AWG	70	50-70	ME10 (2)	MA14+PA24 (1)	ME14 (1)			
L19-M	2/0-3/0 AWG	95	70-95	ME14 (2)	MA19+PA24 (1)	ME19 (1)			
L24-M	3/0-250 AWG	120	95-120	ME19 (2)	MA24+PA24 (1)	ME24 (1)			
L30-M	250-300 MCM	150	120-150	ME24 (2)	MA30+PA48 (1)	ME30 (1)			
L37-M	300-350 MCM	185	150-185	ME30 (3)	MA37+PA48 (1)	ME37 (1)			
L48-M	350-500 MCM	240	185-240	ME37 (3)	MA48+PA48 (1)	ME48 (2)			
L60-M	500-600 MCM	300	240-300	ME48 (3)	MA60+PA60 (1)	ME60 (3)			
L80-M	600-800 MCM	400	300-400	-	-	ME 80 (3)			ME80-3D (2)
L100-M	800-1000 MCM	500	400-500	-	-	-	ME100-3D (2)	ME100-S20 (2)	