

Scotchcast LA Series Kit Selection Chart

In-Line Joint for PVC/PVC/SWA/PVC & XLPE Insulated Cables 0.6/1kv

Kit includes two-part mould, polyetherurethane Resin No. 1471 (Closed Mix & Pour system), Armour continuity, tape, and full instructions. This kit can be upgraded for use with 3.3kv Cables, by using additional 23 Insulating tape

Use combination of conductor size / number of cores to select Kit type from the chart below.

NOMINAL CONDUCTOR AREA (MM2)	NBR OF CORES	KIT REF	CABLE DIAMETER		RESIN VOLUME		
			Min (mm)	Max (mm)	Grammes	cc	Litres
1.5	2	LA21	8	26	190	173	0.174
	3	LA21					
	4	LA21					
2.5	2	LA21	8	26	190	173	0.174
	3	LA21					
	4	LA21					
4	2	LA21	8	26	190	173	0.174
	3	LA21					
	4	LA22	14	32	440	400	0.403
6	2	LA22	14	32	440	400	0.403
	3	LA22					
	4	LA22					
10	2	LA22	14	32	440	400	0.403
	3	LA22					
	4	LA22					
16	1	LA22	14	32	440	400	0.403
	2	LA22					
	3	LA23	23	37	740	673	0.677
	4	LA23					
25	1	LA22	14	32	440	400	0.403
	2	LA22					
	3	LA23	23	37	740	673	0.677
	4	LA24					
35	1	LA22	14	32	440	400	0.403
	2	LA23					
	3	LA24	28	51	1280	1164	1.171
	4	LA24					
50	1	LA22	14	32	440	400	0.403
	2	LA23					
	3	LA24	28	51	1280	1164	1.171
	4	LA24					

Scotchcast LA Series Kit Selection Chart

NOMINAL CONDUCTOR AREA (MM2)	CORES	KIT REF	CABLE DIAMETER		RESIN VOLUME		
			Min (mm)	Max (mm)	Grammes	cc	Litres
70	1	LA22	14	32	440	400	0.403
	2	LA24	28	51	1280	1164	1.171
	3	LA25	33	60	3504	2909	3.206
	4	LA25					
95	1	LA22	14	32	440	400	0.403
	2	LA24	28	51	1280	400	0.403
	3	LA25	33	60	3504	2909	3.206
	4	LA25					
120	1	LA23	23	37	740	673	0.677
	2	LA25	33	60	3504	2909	3.206
	3	LA25					
	4	LA25					
150	1	LA23	23	37	740	673	0.677
	2	LA25	33	60	3504	2909	3.206
	3	LA26	48	80	7008	6364	6.412
	4	LA26					
185	1	LA23	23	37	740	673	0.677
	2	LA25	33	60	3504	2909	3.206
	3	LA26	48	80	7008	6364	6.412
	4	LA26					
240	1	LA24	28	51	1280	1164	1.171
	2	LA26	48	80	7008	6364	6.412
	3	LA26					
	4	LA27					
300	1	LA24	28	51	1280	1164	1.171
	2	LA26	48	80	7008	6364	6.412
	3	LA27	45	90	10512	9454	9.618
	4	LA27					
400	1	LA24	28	51	1280	1164	1.171
	2	LA27	45	90	10512	9545	9.618
	3	LA27					
500	1	LA25	33	60	3504	2909	3.206
630	1	LA25	33	60	3504	2909	3.206
800	1	LA26	48	80	7008	6364	6.412
1000	1	LA26	48	80	7008	6364	6.412

To select connectors for these kits;

Joining copper conductors - please refer to page 1 in the Connectors & Lugs Selection Guide

Joining aluminium conductors - please refer to page 2 in the Connectors & Lugs Selection Guide

Joining copper to aluminium conductors - please refer to page 3 in the Connectors & Lugs Selection Guide

Scotchcast LA Series Kit Selection Chart

Important Notice

Technical information provided by 3M is based on experience and/or tests believed to be reliable, but their accuracy is not guaranteed and the results may not be relevant to every user's application. For this reason 3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. All questions of liability relating to 3M products are governed by the seller's terms of sale subject where applicable to the prevailing law. If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price paid for the goods or services. Except as set out above, all warranties and conditions, whether express or implied, statutory or otherwise are excluded to the fullest extent permissible at law. 3M is a trademark of the 3M Company. Printed in the UK. © 3M United Kingdom PLC, 2003