



A2 SOLO

A2 Industrial Single Seal Cable Gland SOLO LSF Kit

For all types of Unarmoured & Braid Armoured Cables

- Displacement type seal
- Designed to prevent Coldflow
- Deluge protected
- -60°C to +130°C
- LUL (London Underground) approved



Note: Ordering suffix '2RA' includes locknut & shroud
Other kit options available



Gland Kit shown as example

TECHNICAL DATA

Type	A2 SOLO-Kit
Design Specification	BS 6121:Part 1:1989, IEC 62444, EN 62444
Mechanical Classifications*	Impact = Level 8, Retention = Class D
Enclosure Protection	IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only
Marine Approvals	LRS: 01/00171 (E1), ABS: 16-LD1472056-PDA
Ingress Protection Rating	IP66, IP67 & IP68**
Deluge Protection Compliance	DTS01 : 91
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Unique Displacement Seal
Sealing Area(s)	Cable Outer Sheath
Cable Gland Kits Available	Up to & including size 25 - 2 glands, 2 locknuts & 2 LSF shrouds Size 32 & above - 1 gland, 1 locknut & 1 LSF shroud

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444
** Refer to page 7 or www.cmp-products.com for further information on Ingress Protection Ratings

Cable Gland Selection Table

Refer to illustration at the top of the page.

Dimensions listed below are for metric cable glands only
Dimensions for alternative threads may vary, please see supplementary technical data sheet

Cable Gland Size	Available Entry Threads "C" (Alternate Metric Thread Lengths Available)					Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protrusion Length "F" (Without Shroud)	Combined Ordering Reference (*Brass Metric)			Cable Gland Only Weight (Kgs)
	Standard			Option							Size	Type	Ordering Suffix	
	Metric	Thread Length (Metric) "E"	NPT	Thread Length (NPT) "E"	NPT	Min	Max	Max	Max					
20s16	M20	10.0	1/2"	19.9	3/4"	3.2	8.7	24.0	26.4	25.1	20S16	A2LSF	2RA	0.070
20S	M20	10.0	1/2"	19.9	3/4"	6.1	11.7	24.0	26.4	25.1	20S	A2LSF	2RA	0.060
20	M20	10.0	1/2"	19.9	3/4"	6.5	14.0	27.0	29.7	27.2	20	A2LSF	2RA	0.070
25	M25	10.0	3/4"	20.2	1"	11.1	20.0	36.0	39.6	35.5	25	A2LSF	2RA	0.130
32	M32	10.0	1"	25.0	1 1/4"	17.0	26.3	41.0	45.1	34.2	32	A2LSF	2RA	0.150
40	M40	15.0	1 1/4"	25.6	1 1/2"	23.5	32.2	50.0	55.0	35.1	40	A2LSF	2RA	0.200
50S	M50	15.0	1 1/2"	26.1	2"	31.0	38.2	55.0	60.5	32.0	50S	A2LSF	2RA	0.260
50	M50	15.0	2"	26.9	2 1/2"	35.6	44.0	60.0	66.0	36.3	50	A2LSF	2RA	0.270
63S	M63	15.0	2"	26.9	2 1/2"	41.5	49.9	70.5	77.6	33.5	63S	A2LSF	2RA	0.430
63	M63	15.0	2 1/2"	39.9	3"	47.2	55.9	75.0	82.5	35.8	63	A2LSF	2RA	0.460
75S	M75	15.0	2 1/2"	39.9	3"	54.0	61.9	80.0	88.0	34.2	75S	A2LSF	2RA	0.520
75	M75	15.0	3"	41.5	3 1/2"	61.1	67.9	84.0	92.4	40.6	75	A2LSF	2RA	0.500
90	M90	24.0	3 1/2"	42.8	4"	66.6	79.9	108.0	118.8	58.3	90	A2LSF	2RA	1.600
100	M100	24.0	4"	44.0	5"	76.0	91.0	123.0	135.3	55.2	100	A2LSF	2RA	1.780
115	M115	24.0	4"	44.0	5"	86.0	97.9	133.4	146.7	65.2	115	A2LSF	2RA	2.670
130	M130	24.0	5"	46.8	6"	97.0	114.9	152.4	167.6	73.9	130	A2LSF	2RA	3.800

*For material options add the following suffix to the Ordering Reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
For NPT options add the following digits to the material suffix; 1/2" = 31; 3/4" = 32; 1" = 33; 1 1/4" = 34; 1 1/2" = 35; 2" = 36; 2 1/2" = 37; 3" = 38; 3 1/2" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32A2LSF2RA534 = Nickel Plated Brass 1-1/4" NPT, 50SA2LSF2RA035 = Brass 1-1/2" NPT, 25A2LSF2RA432 = Stainless Steel 3/4" NPT, 20A2LSF2RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated