



CW

SOLO

CW Industrial Single Seal Cable Gland SOLO LSF Kit

For all types of Steel & Aluminium Wire Armoured Cables

- Metal-to-metal armour clamping
- Direct & remote installation
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- -60°C to +130°C
- Deluge protection option
- EMC tested
- LUL (London Underground) approved



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



Gland Kit shown as example

TECHNICAL DATA

Type	CW 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
Electrical Classifications*	Category B
GOST R Certificate	POCC GB.ГБ05.H00187
GOST K Certificate	KZ 7500361.01.01.25266
RoK Permit For Use	19-02-UL-1957
Marine Approvals	LRS: 01/00171 (E1), ABS: 01-LD234401/2-PDA
Ingress Protection Rating	IP66**
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP SOLO LSF Halogen Free Thermoset Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP 'LRS' Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Cable Gland Kits Available	Up to & including size 25 - 2 glands, 2 locknuts, 2 earth tags & 2 LSF shrouds Size 32 & above - 1 gland, 1 locknut, 1 earth tag & 1 LSF shroud

Note : * Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444

Note : ** 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

Cable Gland Size	Entry Thread "C"	Thread Length (Metric) "E"	Cable Bedding Diameter "A"			Overall Cable Diameter "B"		Armour Range		Across Flats "D"	Across Corners "D"	Protrusion Length "F" (Without Shroud)	Combined Ordering Reference (*Brass Metric)			Cable Gland Only Weight (Kgs)
			Max	Min	Max	Min	Max	Min	Max	Max	Max		Size	Type	Ordering Suffix	
20s16	M20	10.0	8.7	6.1	13.1	0.8	1.25	24.0	26.4	48.0	20S16	CWLSF	2RA			0.100
20S	M20	10.0	11.7	9.5	15.9	0.8	1.25	24.0	26.4	48.0	20S	CWLSF	2RA			0.100
20	M20	10.0	14.0	12.5	20.9	0.8	1.25	30.5	33.6	48.0	20	CWLSF	2RA			0.147
25	M25	10.0	20.0	18.2	26.2	1.25	1.6	37.5	41.3	56.0	25	CWLSF	2RA			0.224
32	M32	10.0	26.3	23.7	33.9	1.6	2.0	46.0	50.6	54.0	32	CWLSF	2RA			0.306
40	M40	15.0	32.2	27.9	40.4	1.6	2.0	55.0	60.5	58.0	40	CWLSF	2RA			0.448
50S	M50	15.0	38.2	35.2	46.7	2.0	2.5	60.0	66.0	61.0	50S	CWLSF	2RA			0.567
50	M50	15.0	44.1	40.4	53.0	2.0	2.5	70.1	77.1	60.0	50	CWLSF	2RA			0.751
63S	M63	15.0	50.0	45.6	59.4	2.0	2.5	75.0	82.5	74.0	63S	CWLSF	2RA			1.036
63	M63	15.0	56.0	54.6	65.8	2.0	2.5	80.0	88.0	71.0	63	CWLSF	2RA			1.016
75S	M75	15.0	62.0	59.0	72.0	2.0	2.5	90.0	99.0	86.0	75S	CWLSF	2RA			1.787
75	M75	15.0	64.2	66.7	78.4	2.5	3.0	100.0	110.0	82.0	75	CWLSF	2RA			2.091

*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: 20CWLSF2RA5 = Nickel Plated Brass M20, 50 CWLSF2RA = Brass 50mm, 25CWLSF2RA4 = Stainless Steel 25mm

Dimensions are displayed in millimetres unless otherwise stated



THORNE &
DERRICK
INTERNATIONAL

Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com

TDS526 ISSUE7 08/15