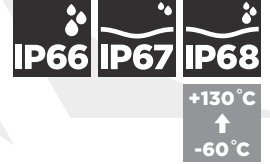


# SS2KPB

**SS2KPB DOUBLE SEAL, INTERNATIONALLY APPROVED, EXPLOSIVE ATMOSPHERE CABLE GLAND**

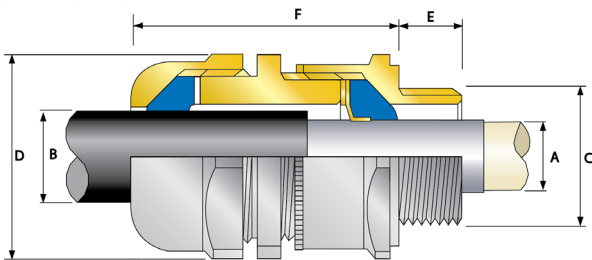
**FOR ALL TYPES OF LEAD SHEATHED UNARMOURED CABLES**

- Effectively earths / grounds lead sheathed cables
- Direct and remote installation
- Superior levels of cable retention
- Displacement type flameproof seals
- Secure against self-loosening
- -60°C to +130°C
- Internationally marked, UKEX, IECEx and ATEX



TECHNICAL CLASSIFICATION	
DESIGN SPECIFICATION	BS 6121:Part 1:1989, IEC 62444, EN 62444
MECHANICAL CLASSIFICATION*	Impact = Level 8, Cable Anchorage = Type B
ENCLOSURE PROTECTION	IK10 to IEC 62262 (20 joules) Brass and Stainless Steel only
INGRESS PROTECTION RATING**	IP66, IP67 and IP68***
CABLE TYPE	Unarmoured and Lead Sheathed, Lead Covered
SEAL MATERIAL	CMP SOLO LSF Halogen Free Thermostat Elastomer
SEALING TECHNIQUE	CMP Displacement Seal
SEALING AREA(S)	Cable Inner Lead Sheath or Lead Covering and Cable Outer Sheath
CABLE GLAND MATERIAL	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium

\* Mechanical and Electrical Classifications applied as per IEC 62444 and EN 62444 \*\* When CMP installation accessories are used. Refer to [www.cmp-products.com](http://www.cmp-products.com) for further information. \*\*\* IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request



GLOBAL PRODUCT CERTIFICATION			
ATEX CERTIFICATE	CML18ATEX1322X, CML18ATEX4314X	IECEx CERTIFICATE	IECEx CML 18.0178X
UKEX CERTIFICATE	CML 21UKEX1256X, CML 21UKEX4257X	CODE OF PROTECTION	Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da, Ex nR IIC Gc, Ex db I Mb*, Ex eb I Mb*
CODE OF PROTECTION	Ⓜ I 2G 1D, Ex db IIC Gb, Ex eb IIC Gb, Ex ta IIC Da, Ⓜ II 3G, Ex nR IIC Gc, Ⓜ I M2, Ex db I Mb*, Ex eb I Mb*	COMPLIANCE STANDARDS	IEC 60079-0,1,7,15,31
COMPLIANCE STANDARDS	EN 60079-0,1,7,15,31	EAC CERTIFICATE	Check website for latest certificate number
UkrSEPRO CERTIFICATE	CL 19.0371X	INMETRO APPROVAL	TUV 12.0879X
CCC CERTIFICATE	2020322313002869	RETIE APPROVAL NUMBER	03866
CCOE / PESO (INDIA) CERTIFICATE	P444949		
SANS	IA MS-XPL21804 21.0007X		
MARINE APPROVALS	LRS: 01/00172, DNV: TAE000000Y, ABS: 20-LD1948801-PDA, BV: 43180		

Aluminium alloys are not permitted in Group I mining applications



COMBINED ORDERING REFERENCE ("BRASS METRIC")			AVAILABLE ENTRY THREADS 'C' (ALTERNATIVE METRIC THREAD LENGTHS AVAILABLE)					DIAMETER OVER LEAD SHEATH 'A'		OVERALL CABLE DIAMETER 'B'		ACROSS FLATS 'D'	ACROSS CORNERS 'D'	PROTRUSION LENGTH 'F'	SHROUD	CABLE GLAND WEIGHT (kg)
			STANDARD			OPTION										
SIZE	TYPE	ORDERING SUFFIX	METRIC	THREAD LENGTH (METRIC) 'E'	NPT	THREAD LENGTH (NPT) 'E'	NPT	MIN	MAX	MIN	MAX	MAX	MAX			
20S16	SS2KPB	1RA	M20	15.0	1/2"	19.9	3/4"	3.2	7.8	3.2	8.6	24.0	26.4	49.0	PVC04	0.14
20S	SS2KPB	1RA	M20	15.0	1/2"	19.9	3/4"	6.1	11.0	6.1	11.7	24.0	26.4	49.0	PVC04	0.13
20	SS2KPB	1RA	M20	15.0	1/2"	19.9	3/4"	6.5	13.4	6.5	14.0	27.0	29.7	54.0	PVC05	0.16
25	SS2KPB	1RA	M25	15.0	3/4"	20.2	1"	11.1	19.3	11.1	20.0	36.0	39.6	66.0	PVC09	0.30
32	SS2KPB	1RA	M32	15.0	1"	25.0	1 1/4"	17.0	25.5	17.0	26.3	41.0	45.1	67.0	PVC10	0.36
40	SS2KPB	1RA	M40	15.0	1 1/4"	25.6	1 1/2"	23.5	31.2	23.5	32.1	50.0	55.0	70.0	PVC13	0.51
50S	SS2KPB	1RA	M50	15.0	1 1/2"	26.1	2"	31.0	37.2	31.0	38.2	55.0	60.5	65.0	PVC15	0.57
50	SS2KPB	1RA	M50	15.0	2"	26.9	2 1/2"	35.6	42.6	35.6	44.0	60.0	66.0	70.0	PVC18	0.60
63S	SS2KPB	1RA	M63	15.0	2"	26.9	2 1/2"	41.5	48.5	41.5	49.9	70.0	77.0	70.0	PVC21	0.90
63	SS2KPB	1RA	M63	15.0	2 1/2"	39.9	3"	47.2	54.2	47.2	55.9	75.0	82.5	71.0	PVC23	0.86
75S	SS2KPB	1RA	M75	15.0	2 1/2"	39.9	3"	54.0	60.2	54.0	61.9	80.0	88.0	70.0	PVC25	1.03
75	SS2KPB	1RA	M75	15.0	3"	41.5	3 1/2"	61.1	65.2	61.1	67.9	84.0	92.4	75.0	PVC26	1.00
90	SS2KPB	1RA	M90	24.0	3 1/2"	42.8	4"	66.6	77.1	66.6	79.4	108.0	118.8	113.0	PVC31	3.01
100	SS2KPB	1RA	M100	24.0	3 1/2"	42.8	4"	76.0	88.1	76.0	90.9	123.0	134.2	106.0	LSF33	3.41
115	SS2KPB	1RA	M115	24.0	4"	44.0	5"	86.0	94.1	86.0	97.9	133.4	146.7	128.0	LSF34	5.35
130	SS2KPB	1RA	M130	24.0	5"	46.8	-	97.0	110.1	97.0	114.9	152.4	167.6	129.0	LSF35	6.39

\*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: 32SS2KPB1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SS2KPB1RA035 = Brass 1 1/2" NPT, 25SS2KPB1RA432 = Stainless Steel 3/4" NPT, 20SS2KPB1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated

Dimensions listed are for metric cable glands only. Dimensions for alternative threads may vary.

[www.cmp-products.com](http://www.cmp-products.com)

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