CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
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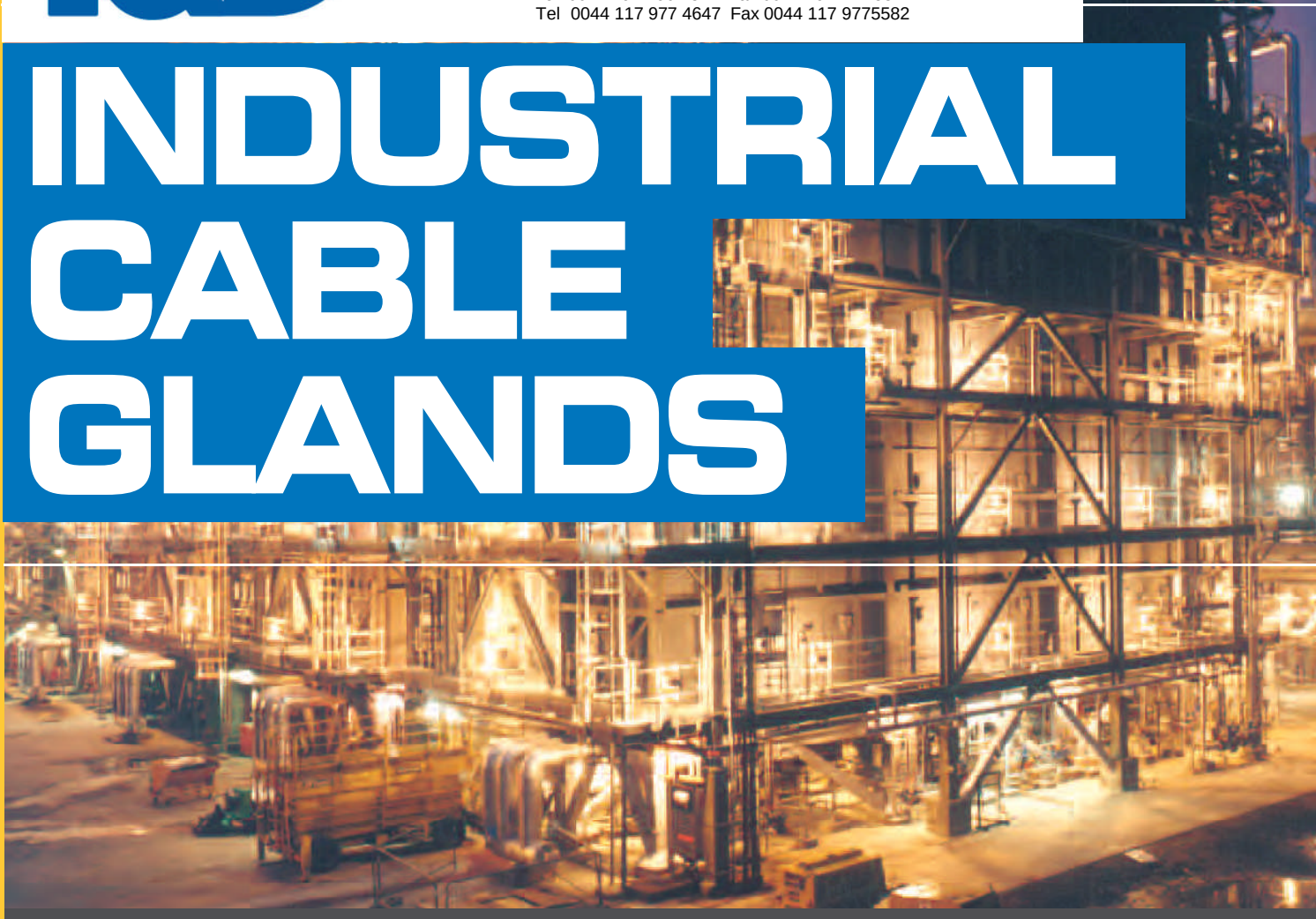
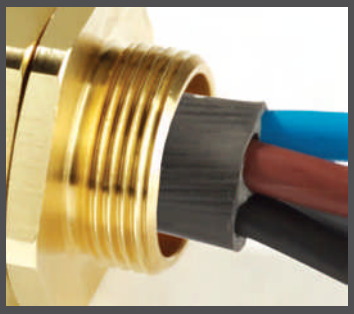
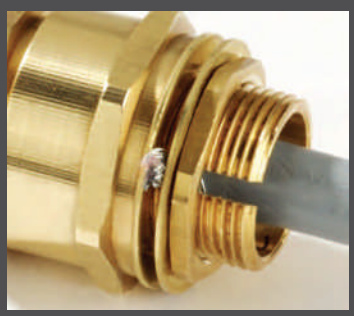
INDUSTRIAL CABLE GLANDS







APPLICATION

The CMP Products range of industrial cable glands embraces products used in a wide and diverse variety of market sectors, in conjunction with virtually every kind of industrial cable installation. With a wealth of experience in terminating all types of armoured and unarmoured cables CMP has discovered that when it comes to such critical installations, quality and reliability really do count.

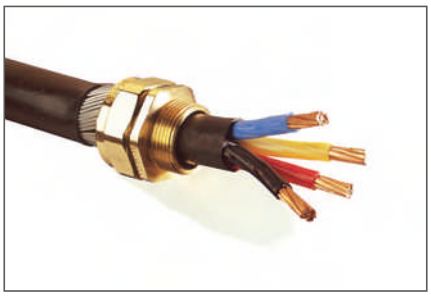
PRODUCTS

CMP cable gland options for all types of cables are available in a wide range of sizes and are supplied in a variety of thread forms. Cable glands are available in various materials including Brass, Electroless Nickel Plated Brass, Aluminium and Stainless Steel. Significantly the brass grade used in the production of all CMP brass cable glands is CuZn39Pb3 (CW614N) to EN12168, which is a highly desirable feature but quite often overlooked.

SPECIFICATIONS & APPROVALS

CMP Products designs and manufactures cable glands and accessories conforming to the prevailing industry standards including EN50262:1999 and the more onerous BS6121:Part 1:1989. CMP Products holds a host of internationally recognised approvals, and its product range is manufactured under a 3rd Party approved Quality Managements System conforming to ISO 9001 : 2000.

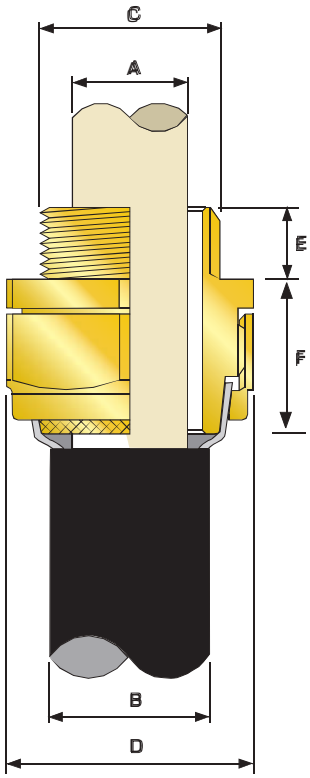
BW CABLE GLAND



BW Industrial Cable Gland

CMP BW type brass indoor cable gland for use with all types of Single Wire Armour (SWA) cable providing mechanical cable retention and electrical continuity via armour wire termination. The CMP BW range of industrial cable glands is designed and tested to BS6121:2005, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168

TECHNICAL DATA	
Type	BW
Design Specification	BS 6121: Part 1: 2005
GOST R Certificate Number	РОСС GB.ГБ 05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Two Part Armour Lock
Optional Accessories	Adaptor/Reducer, Earth Tag, Locknut, Serrated Washer, Shroud
Gland Kits Available	Cable Gland Kit for use with all types of SWA cable, including 2 Brass Glands, 2 Steel Locknuts, 2 Brass Earth Tags and 2 PVC Shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component.

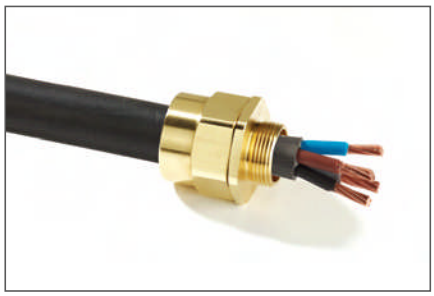


Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'	Armour Range		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric)	PVC Shroud Reference*	Cable Gland Weight (Kgs)
			Max	Max	Min	Max	Max	Max				
20S	M20	10.0	11.7	16.1	0.9	1.25	22.0	24.0	18.0	20SBW1AA	PVC02	0.09
20	M20	10.0	14.0	21.1	0.9	1.25	28.0	30.0	22.0	20BW1AA	PVC05	0.10
25	M25	10.0	20.0	27.4	1.25	1.60	33.6	36.0	26.0	25BW1AA	PVC07	0.15
32	M32	10.0	26.3	34.4	1.6	2.00	41.0	44.5	28.0	32BW1AA	PVC10	0.20
40	M40	10.0	32.2	42.4	1.6	2.00	50.0	56.3	30.0	40BW1AA	PVC13	0.36
50S	M50	15.0	38.2	50.1	2.0	2.50	57.1	63.4	30.0	50SBW1AA	PVC16	0.48
50	M50	15.0	44.1	55.7	2.0	2.50	61.0	72.1	32.0	50BW1AA	PVC19	0.42
63S	M63	15.0	50.0	62.4	2.5	2.50	75.0	83.0	38.0	63SBW1AA	PVC22	0.80
63	M63	15.0	56.0	68.2	2.5	2.50	80.0	88.7	38.0	63BW1AA	PVC24	0.85
75S	M75	15.0	62.0	76.8	2.5	2.50	90.0	99.8	40.0	75SBW1AA	PVC27	1.30
75	M75	15.0	75.0	82.9	2.5	3.15	95.0	105.3	40.0	75BW1AA	PVC29	1.60
All dimensions in millimetres												

Note: *LSF Shrouds also available on request.

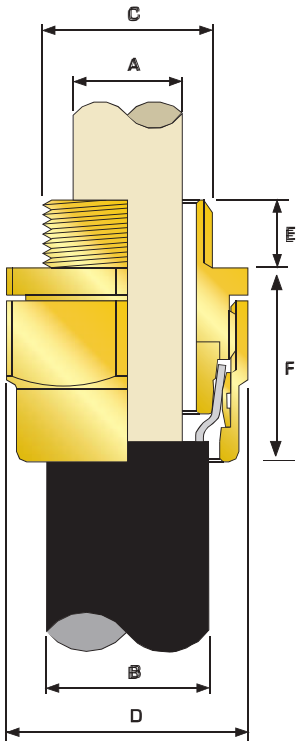
BWL CABLE GLAND



BWL Heavy Duty Industrial Cable Gland

CMP BWL type brass indoor cable gland for use with all types of Single Wire Armour (SWA) cable providing mechanical cable retention and electrical continuity via armour wire termination. The heavy duty BWL design offers the benefit of a longer body to protect the armour wires from impact. The CMP BWL range of industrial cable glands is designed and tested to BS6121:2005, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168

TECHNICAL DATA	
Type	BWL
Design Specification	BS 6121:Part 1:2005
GOST R Certificate Number	РОСС GB. ГБ 05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Detachable Armour Cone and Anyway Universal Clamping Ring
Optional Accessories	Adaptor/Reducer, Earth Tag, Locknut, Serrated Washer, Shroud

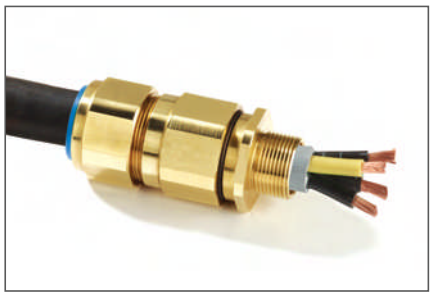


Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'	Armour Range †		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric)	PVC Shroud Reference*	Cable Gland Weight (Kgs)
			Max	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	13.4	0.90	0.90	24.0	26.6	22.0	20S16BWL1RA	PVC02	0.100
20S	M20	10.0	11.7	15.9	0.90	1.25	24.0	26.6	22.0	20SBWL1RA	PVC02	0.100
20	M20	10.0	14.0	20.9	0.90	1.25	30.5	33.3	28.0	20BWL1RA	PVC04	0.130
25	M25	10.0	20.0	26.2	1.25	1.60	37.5	39.9	32.0	25BWL1RA	PVC09	0.170
32	M32	10.0	26.3	33.9	1.60	2.00	46.0	51.0	34.0	32BWL1RA	PVC11	0.282
40	M40	15.0	32.2	40.4	1.60	2.00	55.0	56.3	36.0	40BWL1RA	PVC13	0.410
50S	M50	15.0	38.2	46.7	2.00	2.50	60.0	66.5	36.0	50SBWL1RA	PVC17	0.469
50	M50	15.0	44.1	53.1	2.00	2.50	70.0	77.6	38.0	50BWL1RA	PVC20	0.434
63S	M63	15.0	50.0	59.4	2.50	2.50	75.0	83.0	44.0	63SBWL1RA	PVC22	0.883
63	M63	15.0	56.0	65.9	2.50	2.50	80.0	88.7	44.0	63BWL1RA	PVC25	0.990
75S	M75	15.0	62.0	72.1	2.50	2.50	89.0	99.8	50.0	75SBWL1RA	PVC28	1.506
75	M75	15.0	68.0	78.5	2.50	3.15	99.0	111.1	50.0	75BWL1RA	PVC30	1.954
90	M90	15.0	80.0	90.4	3.15	3.15	114.0	128.6	55.0	90BWL1RA	PVC32	2.902
All dimensions in millimetres												

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes.

C2KGP CABLE GLAND

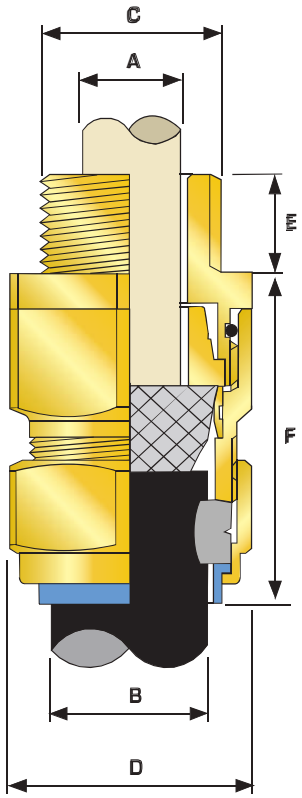


C2KGP Industrial Cable Gland

CMP C2KGP type brass indoor and outdoor cable gland for use with all types of Single Wire Armour (SWA), Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable, providing environmental seal on the cable outer sheath and additional deluge seal meeting the test requirements of DTS01:91. The cable gland also provides mechanical cable retention and electrical continuity via armour termination. A reversible armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The CMP C2KGP range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168

TECHNICAL DATA	
Type	C2KGP
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ 05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	5046/C549H
Deluge Protection Compliance	DTS01 : 91
Deluge Protection Document	5046/C549H-D
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Steel Tape Armour (STA), Aluminium Strip Armour (ASA), Wire Braid Armour, Screened Flexible Wire Braid (e.g. CY / SY)
Armour Clamping	Reversible Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

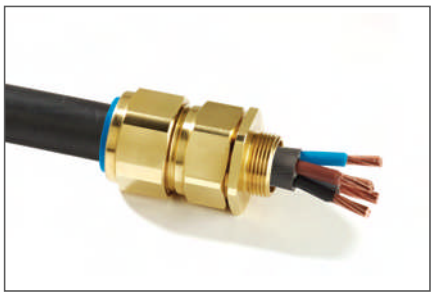


Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'		Armour Range †				Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
						Grooved Cone		Stepped Cone							
	Metric		Max	Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	6.1	11.5	0.0	1.0	0.90	1.00	30.5	33.3	47.0	20S16C2KGP1RA	PVC04	0.132
20S	M20	10.0	11.7	9.5	15.9	0.0	1.0	0.90	1.25	30.5	33.3	47.0	20SC2KGP1RA	PVC04	0.132
20	M20	10.0	14.0	12.5	20.9	0.0	1.0	0.90	1.25	30.5	33.3	50.0	20C2KGP1RA	PVC06	0.194
25S	M25	10.0	14.0	14.0	22.0	0.0	1.0	1.25	1.60	36.0	40.0	55.0	25SC2KGP1RA	PVC09	0.306
25	M25	10.0	20.0	18.2	26.2	0.0	1.0	1.25	1.60	36.0	40.0	55.0	25C2KGP1RA	PVC09	0.306
32	M32	10.0	26.3	23.7	33.9	0.0	1.0	1.60	2.00	46.0	51.0	58.0	32C2KGP1RA	PVC11	0.468
40	M40	10.0	32.2	27.9	40.4	0.0	1.0	1.60	2.00	55.0	61.0	58.0	40C2KGP1RA	PVC15	0.678
50S	M50	10.0	38.2	35.2	46.7	0.0	1.0	2.00	2.50	60.0	66.5	58.0	50SC2KGP1RA	PVC18	0.750
50	M50	10.0	44.1	40.4	53.1	0.0	1.0	2.00	2.50	70.1	78.6	60.0	50C2KGP1RA	PVC21	1.044
63S	M63	10.0	50.0	45.6	59.4	0.0	1.0	2.00	2.50	75.0	83.2	70.0	63SC2KGP1RA	PVC23	1.074
63	M63	10.0	56.0	54.6	65.9	0.0	1.0	2.00	2.50	80.0	89.0	70.0	63C2KGP1RA	PVC25	1.280
75S	M75	15.0	62.0	59.0	72.1	0.0	1.0	2.00	2.50	90.0	99.8	80.0	75SC2KGP1RA	PVC28	1.860
75	M75	15.0	68.0	66.7	78.5	0.0	1.0	2.00	2.50	100.0	111.0	82.0	75C2KGP1RA	PVC30	2.550
90	M90	15.0	80.0	76.2	90.4	0.0	1.6	3.15	3.15	115.0	127.5	96.0	90C2KGP1RA	PVC32	3.650
100	M100	15.0	91.0	89.1	101.5	0.0	1.6	3.15	4.00	123.0	136.0	106.0	100C2KGP1RA	150/50HST	4.200
115	M115	15.0	98.0	101.3	110.3	0.0	1.6	3.15	4.00	133.4	147.8	115.0	115C2KGP1RA	180/60HST	4.750
130	M130	15.0	115.0	114.0	123.3	0.0	1.6	3.15	4.00	146.1	152.4	125.0	130C2KGP1RA	180/60HST	5.330
All dimensions in millimetres															

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.

CW CABLE GLAND

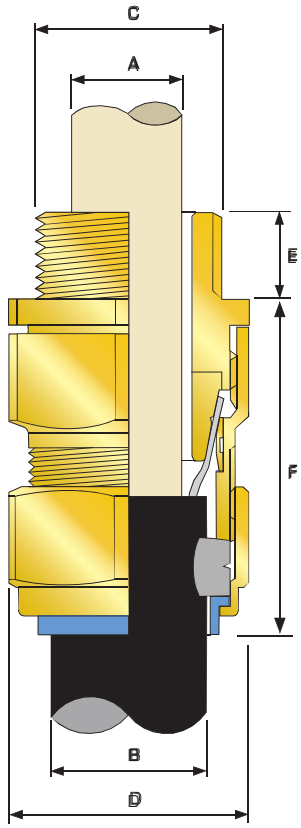


CW Industrial Cable Gland

CMP CW type brass indoor and outdoor cable gland for use with all types of Single Wire Armour (SWA) cable, providing environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The CMP CW range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	CW
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB.ГБ05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA)
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
Optional Accessories	Locknut, Serrated Washer, Shroud, Adaptor/Reducer, Earth Tag, Entry Thread Seal
Cable Gland Kits Available	Cable Gland kit for use with all types of SWA cable including 2 brass glands, 2 steel locknuts, 2 brass earth tags and 2 PVC shrouds for sizes up to and including 32mm. For sizes 40mm and above each kit includes 1 of each component.

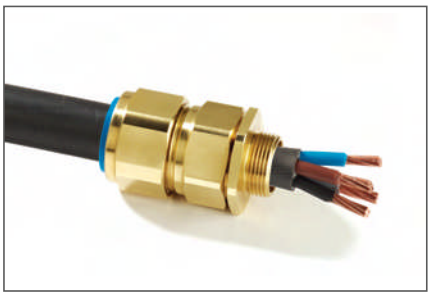


Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'		Armour Range †		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
						Stepped Cone							
			Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	6.1	11.5	0.90	1.00	24.0	26.6	43.0	20S16CW1RA	PVC04	0.118
20S	M20	10.0	11.7	9.5	15.9	0.90	1.25	24.0	26.6	43.0	20SCW1RA	PVC04	0.118
20	M20	10.0	14.0	12.5	20.9	0.90	1.25	30.5	33.3	50.0	20CW1RA	PVC06	0.159
25S	M25	10.0	19.9	14.0	22.0	1.25	1.60	36.0	40.0	55.0	25SCW1RA	PVC09	0.228
25	M25	10.0	20.0	18.2	26.2	1.25	1.60	36.0	40.0	55.0	25CW1RA	PVC09	0.228
32	M32	10.0	26.3	23.7	33.9	1.60	2.00	46.0	51.0	55.0	32CW1RA	PVC11	0.362
40	M40	15.0	32.2	27.9	40.4	1.60	2.00	55.0	61.0	55.0	40CW1RA	PVC15	0.520
50S	M50	15.0	38.2	35.2	46.7	2.00	2.50	60.0	66.5	56.0	50SCW1RA	PVC18	0.579
50	M50	15.0	44.1	40.4	53.1	2.00	2.50	70.1	78.6	70.0	50CW1RA	PVC21	0.601
63S	M63	15.0	50.0	45.6	59.4	2.00	2.50	75.0	83.2	70.0	63SCW1RA	PVC23	1.054
63	M63	15.0	56.0	54.6	65.9	2.00	2.50	80.0	89.0	80.0	63CW1RA	PVC25	1.200
75S	M75	15.0	62.0	59.0	72.1	2.00	2.50	90.0	101.6	81.0	75SCW1RA	PVC28	1.779
75	M75	15.0	68.0	66.7	78.5	2.00	2.50	100.0	111.1	96.0	75CW1RA	PVC30	2.370
90	M90	15.0	80.0	76.2	90.4	3.15	3.15	114.0	128.6	120.0	90CW1RA	PVC32	3.515
100	M100	15.0	91.0	89.1	101.5	3.15	4.00	123.0	136.0	140.0	100CW1RA	150/50HST	4.100
115	M115	15.0	98.0	101.3	110.3	3.15	4.00	133.4	147.8	160.0	115CW1RA	180/60HST	4.600
130	M130	15.0	115.0	114.0	123.3	3.15	4.00	146.1	152.4	169.0	130CW1RA	180/60HST	5.200
All dimensions in millimetres													

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.

CX CABLE GLAND

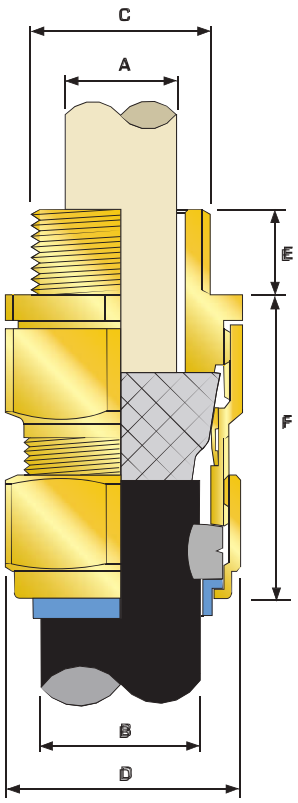


CX Industrial Cable Gland

CMP CX type brass indoor and outdoor cable gland for use with all types of Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable, providing environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via armour wire termination. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access.

The CMP CX range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	CX
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB.ГБ05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Wire Braid Armour, Screened Flexible Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA)
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
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

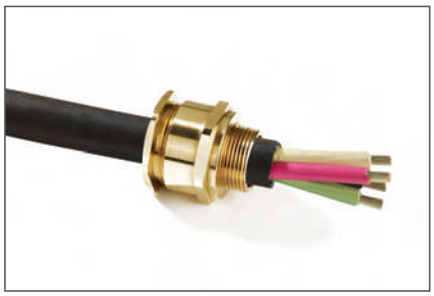


Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'	Overall Cable Diameter 'B'		Armour Range Grooved		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric)	PVC Shroud Reference*	Cable Gland Weight (Kgs)
			Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	10.0	8.7	6.1	11.5	0	1.0	24.0	26.6	43.0	20S16CX1RA	PVC04	0.118
20S	M20	10.0	11.7	9.5	15.9	0	1.0	24.0	26.6	43.0	20SCX1RA	PVC04	0.118
20	M20	10.0	14.0	12.5	20.9	0	1.0	30.5	33.3	50.0	20CX1RA	PVC06	0.159
25S	M25	10.0	19.9	14.0	22.0	0	1.0	36.0	40.0	55.0	25SCX1RA	PVC09	0.228
25	M25	10.0	20.0	18.2	26.2	0	1.0	36.0	40.0	55.0	25CX1RA	PVC09	0.228
32	M32	10.0	26.3	23.7	33.9	0	1.0	46.0	51.0	55.0	32CX1RA	PVC11	0.362
40	M40	15.0	32.2	27.9	40.4	0	1.0	55.0	61.0	55.0	40CX1RA	PVC15	0.520
50S	M50	15.0	38.2	35.2	46.7	0	1.0	60.0	66.5	56.0	50SCX1RA	PVC18	0.579
50	M50	15.0	44.1	40.4	53.1	0	1.0	70.1	78.6	70.0	50CX1RA	PVC21	0.601
63S	M63	15.0	50.0	45.6	59.4	0	1.0	75.0	83.2	70.0	63SCX1RA	PVC23	1.054
63	M63	15.0	56.0	54.6	65.9	0	1.0	80.0	89.0	80.0	63CX1RA	PVC25	1.200
75S	M75	15.0	62.0	59.0	72.1	0	1.0	90.0	101.6	81.0	75SCX1RA	PVC28	1.779
75	M75	15.0	68.0	66.7	78.5	0	1.0	100.0	111.1	96.0	75CX1RA	PVC30	2.370
90	M90	15.0	80.0	76.2	90.4	0	1.6	114.0	128.6	120.0	90CX1RA	PVC32	3.515
100	M100	15.0	91.0	89.1	101.5	0	1.6	123.0	136.0	140.0	100CX1RA	150/50HST	4.100
115	M115	15.0	98.0	101.3	110.3	0	1.6	133.4	147.8	160.0	115CX1RA	180/60HST	4.600
130	M130	15.0	115.0	114.0	123.3	0	1.6	146.1	152.4	169.0	130CX1RA	180/60HST	5.200
All dimensions in millimetres													

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.

A2 CABLE GLAND

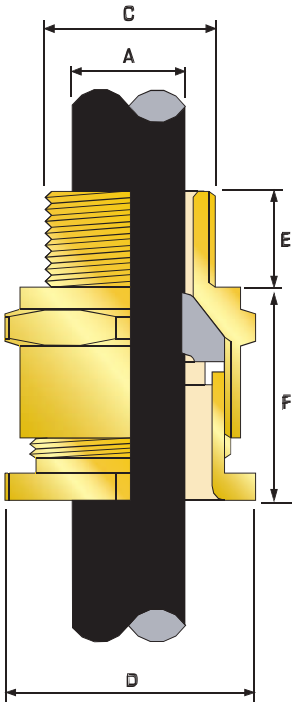


A2 Industrial Cable Gland

CMP A2 type brass indoor and outdoor cable gland for use with all types of Unarmoured cable, providing mechanical cable retention and an environmental seal on the cable outer sheath.

The CMP A2 range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	A2
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
GOST R Certificate Number	POCC GB. ГБ05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	5046 C549D
Deluge Protection Compliance	DTS01 : 91
Deluge Protection Document	5046 C549-D
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

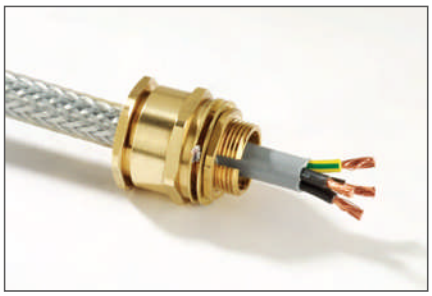


Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option									
	Metric	NPT	NPT		Min	Min	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	24.0	26.6	21.0	20S16A21RA	PVC04	0.054
20S	M20	1/2"	3/4"	10.0	6.1	11.7	24.0	26.6	21.0	20SA21RA	PVC04	0.054
20	M20	1/2"	3/4"	10.0	6.5	14.0	27.0	30.0	24.0	20A21RA	PVC05	0.059
25	M25	3/4"	1"	10.0	11.1	20.0	36.0	39.9	26.0	25A21RA	PVC09	0.112
32	M32	1"	1 1/4"	10.0	17.0	26.3	41.0	45.5	27.0	32A21RA	PVC10	0.128
40	M40	1 1/4"	1 1/2"	15.0	23.5	32.2	50.0	55.4	28.0	40A21RA	PVC13	0.168
50S	M50	1 1/2"	2"	15.0	31.0	38.2	55.0	61.0	29.0	50SA21RA	PVC14	0.224
50	M50	2"	2 1/2"	15.0	35.6	44.1	60.0	66.5	30.0	50A21RA	PVC17	0.231
63S	M63	2"	2 1/2"	15.0	41.5	50.0	70.0	77.6	30.0	63SA21RA	PVC20	0.360
63	M63	2 1/2"	3"	15.0	47.2	56.0	75.0	83.2	30.0	63A21RA	PVC22	0.344
75S	M75	2 1/2"	3"	15.0	54.0	62.0	80.0	88.7	32.0	75SA21RA	PVC24	0.466
75	M75	3"	3 1/2"	15.0	61.1	68.0	85.0	94.2	32.0	75A21RA	PVC26	0.395
90	M90	3"	3 1/2"	15.0	66.6	79.4	108.0	120.7	44.0	90A21RA	PVC31	1.346
100	M100	4"	-	15.0	76.0	91.0	123.0	137.8	48.0	100A21RA	150/50HST	1.575
115	M115	-	-	15.0	86.0	98.0	133.4	147.6	55.0	115A21RA	180/60HST	2.322
130	M130	-	-	15.0	97.0	115.0	152.4	164.9	62.0	130A21RA	180/60HST	3.400
All dimensions in millimetres												

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

CXT CABLE GLAND

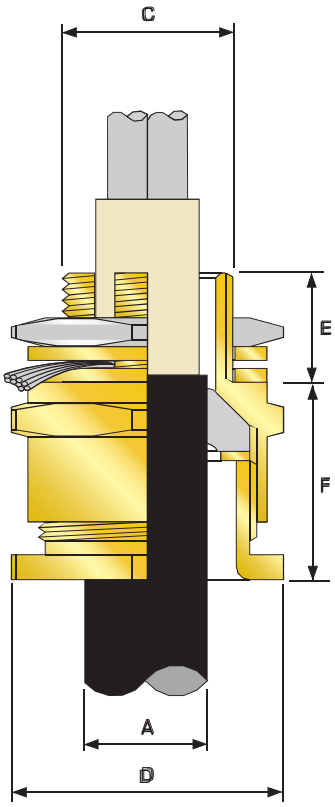


CXT Industrial Cable Gland

CMP CXT type brass indoor and outdoor cable gland for use with all types of screened flexible wire braid (e.g. CY/SY), or wire braid armour cable. The cable gland provides an environmental seal on the cable outer sheath. The cable gland also provides mechanical cable retention and electrical continuity via internal pig-tail termination of the flexible wire braid.

The CMP CXT range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	CXT
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Screened and Flexible Wire Braid (e.g CY / SY), Wire Braid Armour, Armored & Jacketed.
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

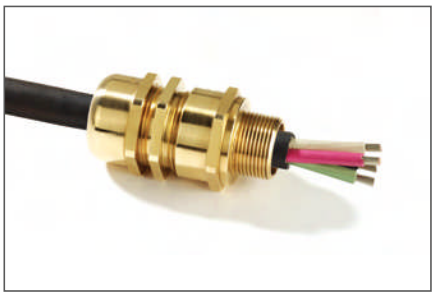


Cable Gland Selection Table

Cable Gland Size	Entry Thread 'C'	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric)	PVC Shroud Reference*	Cable Gland Weight (Kgs)
			Min	Max	Max	Max				
20S/16	M20	15.0	3.1	8.7	24.0	26.6	18.0	20S16CXT1RA	PVC04	0.058
20S	M20	15.0	6.1	11.7	24.0	26.6	18.0	20SCXT1RA	PVC04	0.058
20	M20	15.0	6.5	14.0	27.0	30.0	20.0	20CXT1RA	PVC05	0.062
25	M25	15.0	11.1	20.0	36.0	40.0	26.0	25CXT1RA	PVC09	0.120
32	M32	15.0	17.0	26.3	41.0	45.5	26.0	32CXT1RA	PVC10	0.134
40	M40	15.0	23.5	32.2	50.0	55.5	26.0	40CXT1RA	PVC13	0.182
50S	M50	15.0	31.0	38.2	55.0	61.5	28.0	50SCXT1RA	PVC14	0.236
50	M50	15.0	35.6	44.1	60.0	66.5	28.0	50CXT1RA	PVC17	0.244
63S	M63	15.0	41.5	50.0	70.0	77.6	28.0	63SCXT1RA	PVC20	0.377
63	M63	15.0	47.2	56.0	75.0	83.0	30.0	63CXT1RA	PVC22	0.374
75S	M75	15.0	54.0	62.0	80.0	88.7	30.0	75SCXT1RA	PVC24	0.456
75	M75	15.0	61.1	68.0	85.0	94.3	32.0	75CXT1RA	PVC26	0.388
90	M90	15.0	66.6	79.4	108.0	119.7	40.0	90CXT1RA	PVC31	1.480
100	M100	15.0	76.0	91.0	123.0	136.0	45.0	100CXT1RA	150/50HST	1.575
115	M115	15.0	89.0	98.0	133.4	148.0	48.0	115CXT1RA	180/60HST	2.322
130	M130	15.0	97.0	115.0	146.1	162.0	52.0	130CXT1RA	180/60HST	3.400
All dimensions in millimetres										

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products.

SS2KGP CABLE GLAND

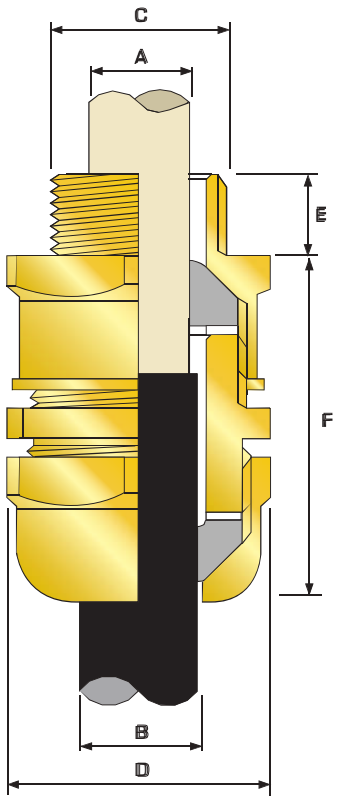


SS2KGP Industrial Cable Gland

CMP SS2KGP type brass indoor and outdoor cable gland for use with all types of Unarmoured cable, providing mechanical cable retention and an environmental seal on the cables inner and outer sheath or a double seal on the cable outer sheath. Suitable for applications where superior cable pull out resistance is required.

The CMP SS2KGP range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168.

TECHNICAL DATA	
Type	SS2K/GP
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
GOST R Certificate Number	РОСС GB. ГБ05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	5046 C549K
Deluge Protection Compliance	DTS01 : 91
Deluge Protection Document	5046 C549K
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Inner Bedding and Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

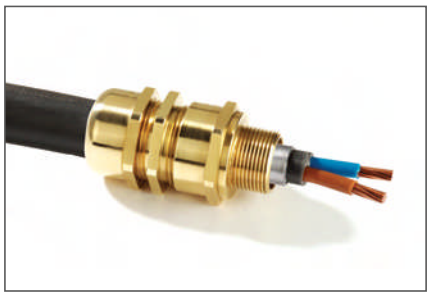


Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Diameter 'A/B'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option									
	Metric	NPT	NPT		Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	24.0	26.6	42.0	20S16SS2KGP1AA	PVC04	0.072
20S	M20	1/2"	3/4"	10.0	6.1	11.7	24.0	26.6	42.0	20SSS2KGP1AA	PVC04	0.072
20	M20	1/2"	3/4"	10.0	6.5	14.0	27.0	31.0	47.0	20SSS2KGP1AA	PVC05	0.079
25	M25	3/4"	1"	10.0	11.1	20.0	36.0	39.0	56.0	25SS2KGP1AA	PVC09	0.149
32	M32	1"	1 1/4"	10.0	17.0	26.3	41.0	45.0	58.0	32SS2KGP1AA	PVC10	0.170
40	M40	1 1/4"	1 1/2"	15.0	23.5	32.2	50.0	53.5	60.0	40SS2KGP1AA	PVC13	0.224
50S	M50	1 1/2"	2"	15.0	31.0	38.2	55.0	61.0	62.0	50SSS2KGP1AA	PVC14	0.298
50	M50	2"	2 1/2"	15.0	35.6	44.1	60.0	66.0	64.0	50SS2KGP1AA	PVC17	0.308
63S	M63	2"	2 1/2"	15.0	41.5	50.0	70.0	77.5	66.0	63SSS2KGP1AA	PVC20	0.480
63	M63	2 1/2"	3"	15.0	47.2	56.0	75.0	84.0	67.0	63SS2KGP1AA	PVC22	0.458
75S	M75	2 1/2"	3"	15.0	54.0	62.0	79.0	87.0	68.0	75SSS2KGP1AA	PVC24	0.621
75	M75	3"	3 1/2"	15.0	61.1	68.0	84.0	94.0	70.0	75SS2KGP1SA	PVC26	0.526
90	M90	3"	3 1/2"	15.0	66.6	79.4	108.0	120.0	75.0	90SS2KGP1AA	PVC31	1.795
100	M100	4"	-	15.0	76.0	91.0	122.0	138.0	81.0	100SS2KGP1AA	150/50HST	2.100
115	M115	-	-	15.0	89.0	98.0	138.0	148.0	85.0	115SS2KGP1AA	180/60HST	3.096
130	M130	-	-	15.0	97.0	115.0	154.0	178.0	92.0	130SS2KGP1AA	180/60HST	4.530
All dimensions in millimetres												

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

SS2KGP-PB CABLE GLAND

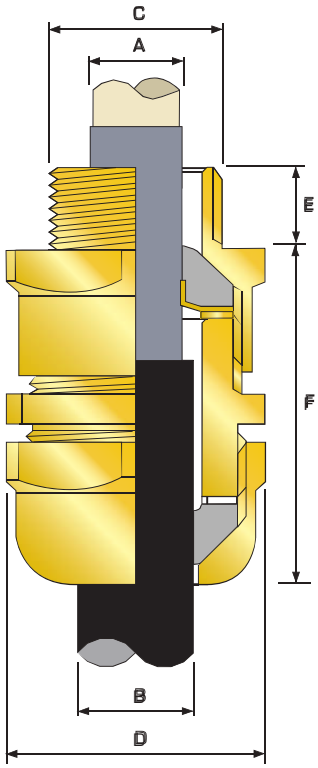


SS2KGP-PB Industrial Cable Gland

CMP SS2KGP-PB type brass indoor and outdoor cable gland for use with all types of Lead Sheathed Unarmoured, providing mechanical cable retention and environmental seal on the cable inner lead sheath and cable outer sheath. The cable gland also provides earth bonding of the inner lead covering or lead sheath.

The CMP SS2KGP-PB range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168.

TECHNICAL DATA	
Type	SS2K GPPB
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ 05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60° to +150°
Ingress Protection Rating	IP66, IP67, IP68
Ingress Protection Document	5046 C549K
Deluge Protection Compliance	DTS01 : 91
Deluge Protection Document	5046 C549K-D
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Unarmoured Lead Sheathed
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Inner Lead Sheath and Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

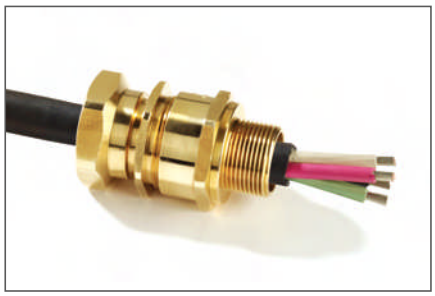


Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Lead Sheath/Overall Diameter 'A/B'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option									
	Metric	NPT	NPT		Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	24.0	26.6	42.0	20S16SS2KGPPB1RA	PVC04	0.072
20S	M20	1/2"	3/4"	10.0	6.1	11.7	24.0	26.6	42.0	20SSS2KGPPB1RA	PVC04	0.072
20	M20	1/2"	3/4"	10.0	6.5	14.0	27.0	31.0	47.0	20SSS2KGPPB1RA	PVC05	0.079
25	M25	3/4"	1"	10.0	11.1	20.0	36.0	39.0	56.0	25SS2KGPPB1RA	PVC09	0.149
32	M32	1"	1 1/4"	10.0	17.0	26.3	41.0	45.0	58.0	32SS2KGPPB1RA	PVC10	0.170
40	M40	1 1/4"	1 1/2"	15.0	23.5	32.2	50.0	53.5	60.0	40SS2KGPPB1RA	PVC13	0.224
50S	M50	1 1/2"	2"	15.0	31.0	38.2	55.0	61.0	62.0	50SSS2KGPPB1RA	PVC14	0.298
50	M50	2"	2 1/2"	15.0	35.6	44.1	60.0	66.0	64.0	50SS2KGPPB1RA	PVC17	0.308
63S	M63	2"	2 1/2"	15.0	41.5	50.0	70.0	77.5	66.0	63SSS2KGPPB1RA	PVC20	0.480
63	M63	2 1/2"	3"	15.0	47.2	56.0	75.0	84.0	67.0	63SS2KGPPB1RA	PVC22	0.458
75S	M75	2 1/2"	3"	15.0	54.0	62.0	79.0	87.0	68.0	75SSS2KGPPB1RA	PVC24	0.621
75	M75	3"	3 1/2"	15.0	61.1	68.0	84.0	94.0	70.0	75SS2KGPPB1RA	PVC26	0.526
90	M90	3"	3 1/2"	15.0	66.6	79.4	108.0	120.0	75.0	90SS2KGPPB1RA	PVC31	1.795
100	M100	4"	-	15.0	76.0	91.0	122.0	138.0	81.0	100SS2KGPPB1RA	150/50HST	2.100
115	M115	-	-	15.0	89.0	98.0	138.0	148.0	85.0	115SS2KGPPB1RA	180/60HST	3.096
130	M130	-	-	15.0	97.0	115.0	154.0	178.0	92.0	130SS2KGPPB1RA	180/60HST	4.530
All dimensions in millimetres												

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

A2RC CABLE GLAND

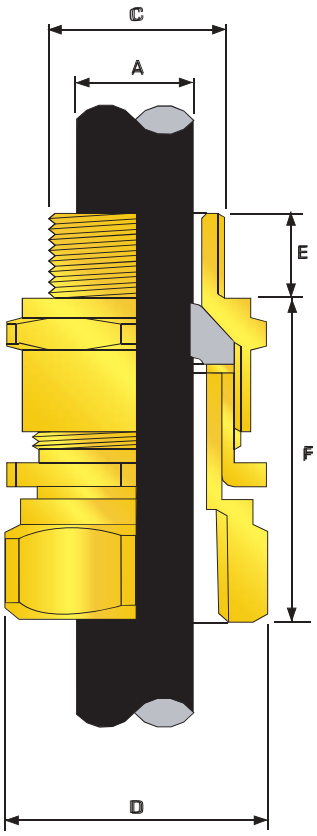


A2RC Industrial Cable Gland With Conduit Connection Facility

CMP A2RC type brass indoor and outdoor conduit connection cable gland for use with all types of Unarmoured cables housed in rigid or flexible conduit systems. The cable gland is equipped with a rotating male or female connection which is available in a variety of thread forms for ease of conduit installation, including NPT and Metric. Customers are requested to kindly specify the male and female thread form and sizes required when ordering.

The CMP A2RC range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168.

TECHNICAL DATA	
Type	A2RC
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Displacement Seal
Sealing Area(s)	Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud

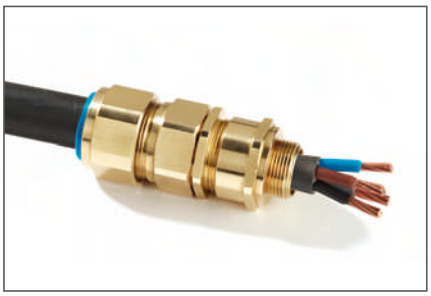


Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Standard Female NPT Thread	Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Metric Mx NPT F) #	Cable Gland Weight (Kgs)
	Standard		Option									
	Metric	NPT	NPT			Min	Max	Max	Max			
20S/16	M20	1/2"	3/4"	1/2"	10.0	3.1	8.7	24.0	26.6	42.0	20S16A2RC1RA031	0.075
20S	M20	1/2"	3/4"	1/2"	10.0	6.1	11.7	24.0	26.6	42.0	20SA2RC1RA031	0.075
20	M20	1/2"	3/4"	1/2"	10.0	6.5	14.0	27.0	30.0	47.0	20A2RC1RA031	0.082
25	M25	3/4"	1"	3/4"	10.0	18.2	20.0	36.0	39.9	56.0	25A2RC1RA032	0.165
32	M32	1"	1 1/4"	1"	10.0	23.7	26.3	41.0	45.5	58.0	32A2RC1RA033	0.180
40	M40	1 1/4"	1 1/2"	1 1/4"	15.0	27.9	32.2	50.0	55.4	60.0	40A2RC1RA034	0.250
50S	M50	1 1/2"	2"	1 1/2"	15.0	35.2	38.2	55.0	61.0	62.0	50SA2RC1RA035	0.310
50	M50	2"	2 1/2"	2"	15.0	40.4	44.1	60.0	66.5	64.0	50A2RC1RA036	0.330
63S	M63	2"	2 1/2"	2"	15.0	40.1	50.0	70.0	77.6	66.0	63SA2RC1RA036	0.480
63	M63	2 1/2"	3"	2 1/2"	15.0	47.2	56.0	75.0	83.2	67.0	63A2RC1RA037	0.460
75S	M75	2 1/2"	3"	2 1/2"	15.0	59.0	62.0	80.0	88.7	68.0	75SA2RC1RA037	0.650
75	M75	3"	3 1/2"	3"	15.0	66.7	68.0	85.0	94.2	70.0	75A2RC1RA038	0.580
90	M90	3"	3 1/2"	3"	15.0	76.2	79.4	108.0	120.7	75.0	90A2RC1RA038	0.900
All dimensions in millimetres												

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E1U CABLE GLAND

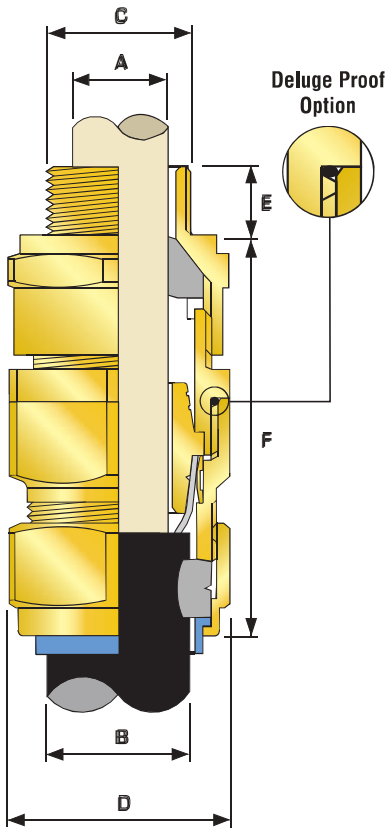


E1U Universal Industrial Cable Gland

CMP E1U type brass indoor and outdoor cable gland for use with all types of armoured cables providing an environmental seal on the cable inner bedding and on the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination. A reversible armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner bedding.

The CMP E1U range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168.

TECHNICAL DATA	
Type	E1U
Design Specification	BS 6121: Part 1: 1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	POCC GB. ГБ05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA), Pliable Wire Armour (PWA), Steel Tape Armour (STA), Wire Braid Armour, Aluminium Strip Armour (ASA), Screened Flexible Wire Braid (e.g. CY / SY), Armored & Jacketed
Armour Clamping	Reversible Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Inner Bedding & Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



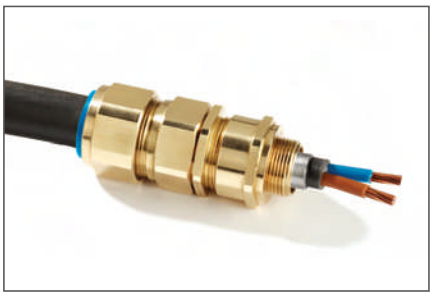
Note: Deluge proof version available

Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Armour Range †				Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option						Grooved Cone		Stepped Cone							
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0	1.0	0.9	1.0	24.0	26.6	63.0	20S16E1U1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0	1.0	0.9	1.25	24.0	26.6	63.0	20SE1U1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0	1.0	0.9	1.25	30.5	33.3	67.0	20E1U1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	0	1.0	1.25	1.6	37.5	40.5	78.0	25SE1U1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	0	1.0	1.25	1.6	37.5	40.5	78.0	25E1U1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	0	1.0	1.6	2.0	46.0	51.0	78.0	32E1U1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	0	1.0	1.6	2.0	55.0	61.0	83.0	40E1U1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	0	1.0	2.0	2.5	60.0	66.5	78.0	50SE1U1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	0	1.0	2.0	2.5	70.0	78.6	81.0	50E1U1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	0	1.0	2.0	2.5	75.0	83.2	93.0	63SE1U1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	0	1.0	2.0	2.5	80.0	89.0	95.0	63E1U1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	0	1.0	2.0	2.5	89.0	101.6	103.0	75SE1U1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	0	1.0	2.0	2.5	99.0	111.1	110.0	75E1U1RA	PVC30	2.770
90	M90	3	3-1/2"	15.0	66.6	79.4	76.2	90.4	0	1.6	3.15	3.15	114.0	128.6	136.0	90E1U1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	0	1.6	3.15	4.0	123.0	138.0	145.0	100E1U1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	0	1.6	3.15	4.0	133.4	147.6	160.0	115E1U1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	0	1.6	3.15	4.0	146.1	161.9	185.0	130E1U1RA	180/60HST	5.900
All dimensions in millimetres																		

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E2U CABLE GLAND

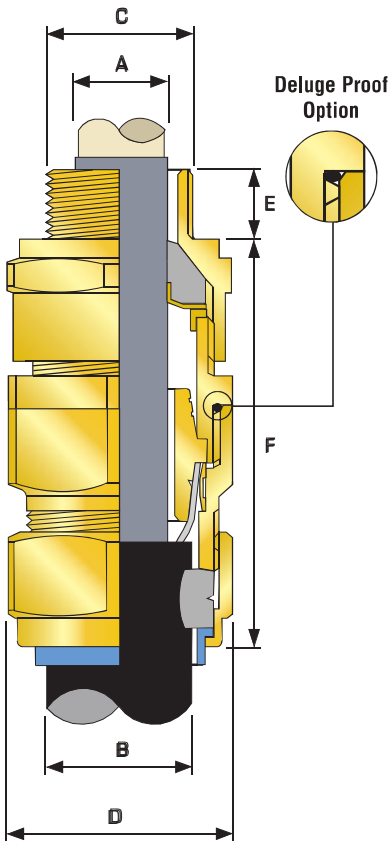


E2U Universal Industrial Cable Gland

CMP E2U type brass indoor and outdoor cable gland for use with all types of Lead Sheathed and Armoured cables providing an environmental seal on inner lead sheath and the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination and also earth bonding of the inner lead covering or lead sheath. A reversible armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner lead covering.

The CMP E2U range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168.

TECHNICAL DATA	
Type	E2U
Design Specification	BS 6121: Part 1: 1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	POCC GB.ГБ05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Lead Sheathed & Single Wire Armour (LC/SWA), Lead Sheathed & Wire Braid Armour, Lead Sheathed & Steel Tape Armour (LC/STA)
Armour Clamping	Reversible Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Inner Lead Sheath & Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



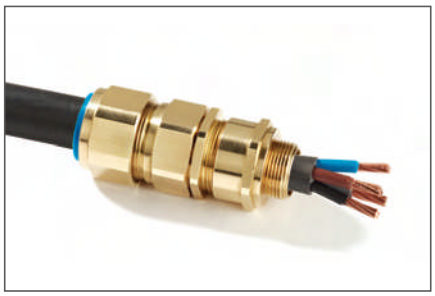
Note: Deluge proof version available

Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Lead Sheath Diameter 'A'		Overall Cable Diameter 'B'		Armour Range †				Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option						Grooved Cone		Stepped Cone							
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0.0	1.0	0.9	1.0	24.0	26.6	63.0	20S16E2U1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0.0	1.0	0.9	1.25	24.0	26.6	63.0	20SE2U1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0.0	1.0	0.9	1.25	30.5	33.3	67.0	20E2U1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	0.0	1.0	1.25	1.6	37.5	40.5	78.0	25SE2U1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	0.0	1.0	1.25	1.6	37.5	40.5	78.0	25E2U1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	0.0	1.0	1.6	2.0	46.0	51.0	78.0	32E2U1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	0.0	1.0	1.6	2.0	55.0	61.0	83.0	40E2U1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	0.0	1.0	2.0	2.5	60.0	66.5	78.0	50SE2U1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	0.0	1.0	2.0	2.5	70.0	78.6	81.0	50E2U1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	0.0	1.0	2.0	2.5	75.0	83.2	93.0	63SE2U1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	0.0	1.0	2.0	2.5	80.0	89.0	95.0	63E2U1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	0.0	1.0	2.0	2.5	89.0	101.6	103.0	75SE2U1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	0.0	1.0	2.0	2.5	99.0	111.1	110.0	75E2U1RA	PVC30	2.770
90	M90	3	3-1/2"	15.0	66.6	79.4	76.2	90.4	0.0	1.6	3.15	3.15	114.0	128.6	136.0	90E2U1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	0.0	1.6	3.15	4.0	123.0	138.0	145.0	100E2U1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	0.0	1.6	3.15	4.0	133.4	147.6	160.0	115E2U1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	0.0	1.6	3.15	4.0	146.1	161.9	185.0	130E2U1RA	180/60HST	5.900
All dimensions in millimetres																		

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E1W CABLE GLAND

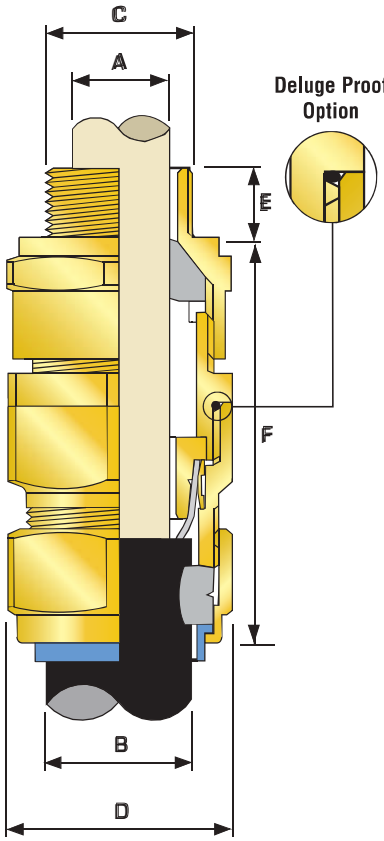


E1W Industrial Cable Gland

CMP E1W type brass indoor and outdoor cable gland for use with Single Wire Armour (SWA) cable providing an environmental seal on the cable inner sheath and the cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via armour wire termination. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner bedding.

The CMP E1W range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	E1W
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Inner Bedding & Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



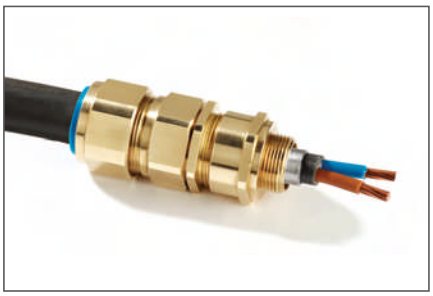
Note: Deluge proof version available

Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Armour Range †		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option													
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0.9	1.0	24.0	26.6	63.0	20S16E1W1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0.9	1.25	24.0	26.6	63.0	20SE1W1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0.9	1.25	30.5	33.3	67.0	20E1W1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	1.25	1.6	37.5	40.5	78.0	25SE1W1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	1.25	1.6	37.5	40.5	78.0	25E1W1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	1.6	2.0	46.0	51.0	78.0	32E1W1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	1.6	2.0	55.0	61.0	83.0	40E1W1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	2.0	2.5	60.0	66.5	78.0	50SE1W1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	2.0	2.5	70.0	78.6	81.0	50E1W1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	2.0	2.5	75.0	83.2	93.0	63SE1W1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	2.0	2.5	80.0	89.0	95.0	63E1W1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	2.0	2.5	89.0	101.6	103.0	75SE1W1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	2.0	2.5	99.0	111.1	110.0	75E1W1RA	PVC30	2.770
90	M90	3"	3-1/2"	15.0	66.6	79.4	76.2	90.4	3.15	3.15	114.0	128.6	136.0	90E1W1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	3.15	4.0	123.0	138.0	145.0	100E1W1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	3.15	4.0	133.4	147.6	160.0	115E1W1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	3.15	4.0	146.1	161.9	185.0	130E1W1RA	180/60HST	5.900
All dimensions in millimetres																

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E2W CABLE GLAND

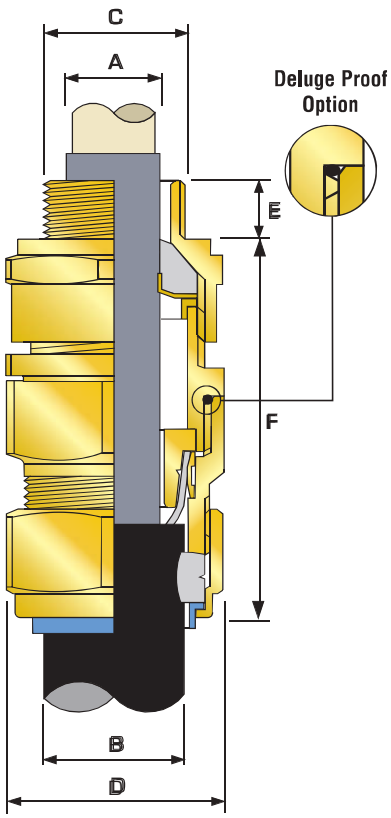


E2W Industrial Cable Gland

CMP E2W type brass indoor and outdoor cable gland for use with all types of Lead Sheathed and Single Wire Armour (SWA) cable providing an environmental seal on the cable inner lead sheath and cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination and also earth bonding of the inner lead covering or lead sheath. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner lead covering.

The CMP E2W range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	E2W
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	POCC GB. ГБ 05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Lloyds Approval Number	01/00171
ABS Approval Number	01-LD 234401-PDA
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Aluminium, Electroless Nickel Plated Brass, Stainless Steel
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Lead Sheathed & Single Wire Armour (LC/SWA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Inner & Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



Note: Deluge proof version available

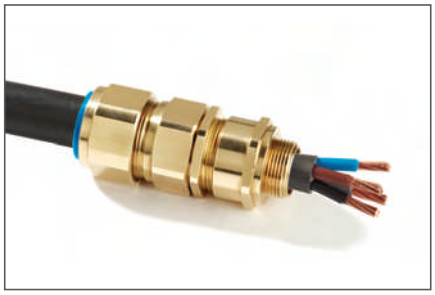
Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Lead Sheath Diameter 'A'		Overall Cable Diameter 'B'		Armour Range †		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option													
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0.9	1.0	24.0	26.6	63.0	20S16E2W1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0.9	1.25	24.0	26.6	63.0	20SE2W1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0.9	1.25	30.5	33.3	67.0	20E2W1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	1.25	1.6	37.5	40.5	78.0	25SE2W1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	1.25	1.6	37.5	40.5	78.0	25E2W1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	1.6	2.0	46.0	51.0	78.0	32E2W1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	1.6	2.0	55.0	61.0	83.0	40E2W1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	2.0	2.5	60.0	66.5	78.0	50SE2W1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	2.0	2.5	70.0	78.6	81.0	50E2W1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	2.0	2.5	75.0	83.2	93.0	63SE2W1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	2.0	2.5	80.0	89.0	95.0	63E2W1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	2.0	2.5	89.0	101.6	103.0	75SE2W1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	2.0	2.5	99.0	111.1	110.0	75E2W1RA	PVC30	2.770
90	M90	3"	3-1/2"	15.0	66.6	79.4	76.2	90.4	3.15	3.15	114.0	128.6	136.0	90E2W1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	3.15	4.0	123.0	138.0	145.0	100E2W1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	3.15	4.0	133.4	147.6	160.0	115E2W1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	3.15	4.0	146.1	161.9	185.0	130E2W1RA	180/60HST	5.900

All dimensions in millimetres

Note: *LSF Shrouds also available on request. † Alternative armour clamping range available for non-standard armour sizes. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E1X CABLE GLAND

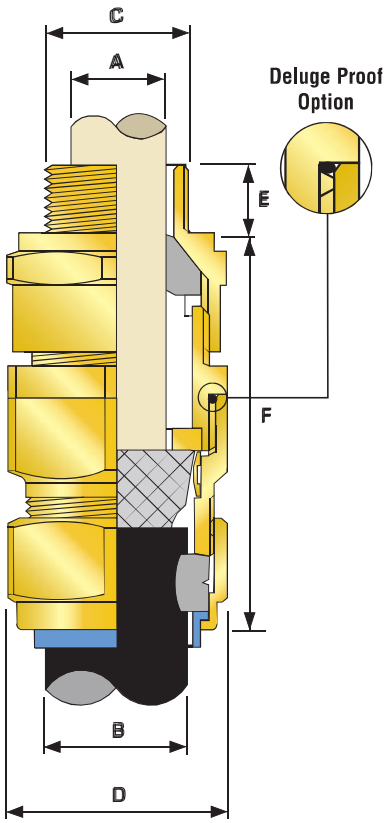


E1X Industrial Cable Gland

CMP E1X type brass indoor and outdoor cable gland for use with all types of Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable providing an environmental seal on the cable inner bedding and cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via armour termination. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner bedding.

The CMP E1X range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	E1X
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ 05.Н00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Wire Braid Armour, Screened Flexible Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Inner Bedding & Cable Outer Sheath
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



Note: Deluge proof version available

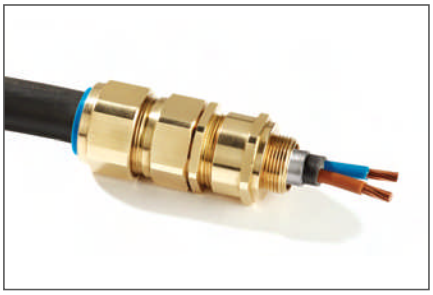
Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Bedding Diameter 'A'		Overall Cable Diameter 'B'		Armour Range		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option													
	Metric	NPT	NPT		Min	Max	Min	Max	Min	Max	Max	Max				
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0.0	1.0	24.0	26.6	63.0	20S16E1X1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0.0	1.0	24.0	26.6	63.0	20SE1X1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0.0	1.0	30.5	33.3	67.0	20E1X1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	0.0	1.0	37.5	40.5	78.0	25SE1X1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	0.0	1.0	37.5	40.5	78.0	25E1X1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	0.0	1.0	46.0	51.0	78.0	32E1X1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	0.0	1.0	55.0	61.0	83.0	40E1X1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	0.0	1.0	60.0	66.5	78.0	50SE1X1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	0.0	1.0	70.0	78.6	81.0	50E1X1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	0.0	1.0	75.0	83.2	93.0	63SE1X1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	0.0	1.0	80.0	89.0	95.0	63E1X1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	0.0	1.0	89.0	101.6	103.0	75SE1X1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	0.0	1.0	99.0	111.1	110.0	75E1X1RA	PVC30	2.770
90	M90	3"	3-1/2"	15.0	66.6	79.4	76.2	90.4	0.0	1.6	114.0	128.6	136.0	90E1X1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	0.0	1.6	123.0	138.0	145.0	100E1X1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	0.0	1.6	133.4	147.6	160.0	115E1X1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	0.0	1.6	146.1	161.9	185.0	130E1X1RA	180/60HST	5.900

All dimensions in millimetres

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

E2X CABLE GLAND

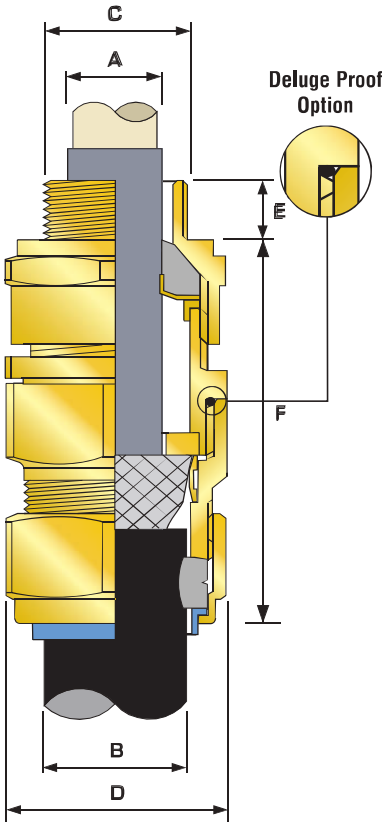


E2X Industrial Cable Gland

CMP E2X type brass indoor and outdoor cable gland for use with all types of Lead Sheathed and Wire Braid Armour, Strip Armour, Pliable Wire Armour & Steel Tape Armour (STA) cable providing an environmental seal on the cable inner lead sheath and cable outer sheath. The cable gland provides mechanical cable retention and electrical continuity via the armour termination and also earth bonding of the inner lead covering or lead sheath. A detachable armour cone and AnyWay universal clamping ring arrangement allows the cable to be easily disconnected from the equipment, for maintenance and change out etc. This feature also facilitates remote make off procedures when the termination is to be conducted in confined spaces or in areas of restricted access. Separate tightening actions for the inner displacement seal and the armour termination affords maximum control over the pressure applied to the cable inner bedding.

The CMP E2X range of industrial cable glands is designed and tested to BS 6121:Part 1:1989, meets or surpasses the requirements of EN 50262 :1999, and is produced from Brass grade CuZn39Pb3 (CW614N) to EN12168. Other materials including Aluminium are also available in this standard design.

TECHNICAL DATA	
Type	E2X
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
EN 50262 Mechanical Classifications	Retention = Class B, Impact = Level 8,
EN 50262 Electrical Classifications	Category A without use of an Earth Tag and Category B with an Earth Tag.
GOST R Certificate Number	РОСС GB. ГБ 05.H00110
GOST K Certificate Number	KZ7500052.05.01.00063
RoK Permit for Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66 (IP67/IP68 also available)
Standard Gland Material	Brass
Alternative Gland Material	Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Lead Sheathed & Wire Braid Armour, Lead Sheathed & Steel Tape Armour (LC/STA)
Armour Clamping	Detachable Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	CMP Inner Displacement Seal & Unique CMP "LRS" ™ Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Inner Lead Sheath and Cable
Optional Accessories	Adaptor/Reducer, Earth Tag, Entry Thread Seal, Locknut, Serrated Washer, Shroud



Note: Deluge proof version available

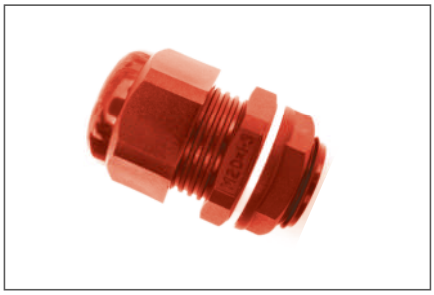
Cable Gland Selection Table

Cable Gland Size	Available Entry Threads 'C'			Minimum Thread Length 'E'	Cable Lead Sheath Diameter 'A'		Overall Cable Diameter 'B'		Armour Range		Across Flats 'D'	Across Corners 'D'	Nominal Protrusion Length 'F'	Ordering Reference (Brass Metric) #	PVC Shroud Reference*	Cable Gland Weight (Kgs)
	Standard		Option		Min	Max	Min	Max	Min	Max	Max	Max				
	Metric	NPT	NPT													
20S/16	M20	1/2"	3/4"	10.0	3.1	8.7	6.1	11.5	0.0	1.0	24.0	26.6	63.0	20S16E2X1RA	PVC04	0.163
20S	M20	1/2"	3/4"	10.0	6.1	11.7	9.5	15.9	0.0	1.0	24.0	26.6	63.0	20SE2X1RA	PVC04	0.163
20	M20	1/2"	3/4"	10.0	6.5	14.0	12.5	20.9	0.0	1.0	30.5	33.3	67.0	20E2X1RA	PVC06	0.217
25S	M25	3/4"	1"	10.0	11.1	20.0	14.0	22.0	0.0	1.0	37.5	40.5	78.0	25SE2X1RA	PVC09	0.345
25	M25	3/4"	1"	10.0	11.1	20.0	18.2	26.2	0.0	1.0	37.5	40.5	78.0	25E2X1RA	PVC09	0.345
32	M32	1"	1-1/4"	15.0	17.0	26.3	23.7	33.9	0.0	1.0	46.0	51.0	78.0	32E2X1RA	PVC11	0.484
40	M40	1-1/4"	1-1/2"	15.0	22.0	32.2	27.9	40.4	0.0	1.0	55.0	61.0	83.0	40E2X1RA	PVC15	0.700
50S	M50	1-1/2"	2"	15.0	29.5	38.2	35.2	46.7	0.0	1.0	60.0	66.5	78.0	50SE2X1RA	PVC18	0.800
50	M50	2"	2-1/2"	15.0	35.6	44.1	40.4	53.1	0.0	1.0	70.0	78.6	81.0	50E2X1RA	PVC21	0.830
63S	M63	2"	2-1/2"	15.0	40.1	50.0	45.6	59.4	0.0	1.0	75.0	83.2	93.0	63SE2X1RA	PVC23	1.415
63	M63	2-1/2"	3"	15.0	47.2	56.0	54.6	65.9	0.0	1.0	80.0	89.0	95.0	63E2X1RA	PVC25	1.514
75S	M75	2-1/2"	3"	15.0	52.8	62.0	59.0	72.1	0.0	1.0	89.0	101.6	103.0	75SE2X1RA	PVC28	2.199
75	M75	3"	3-1/2"	15.0	59.1	68.0	66.7	78.5	0.0	1.0	99.0	111.1	110.0	75E2X1RA	PVC30	2.770
90	M90	3"	3-1/2"	15.0	66.6	79.4	76.2	90.4	0.0	1.6	114.0	128.6	136.0	90E2X1RA	PVC32	4.478
100	M100	4"	-	15.0	76.0	91.0	89.1	101.5	0.0	1.6	123.0	138.0	145.0	100E2X1RA	150/50HST	4.700
115	M115	-	-	15.0	86.0	98.0	101.3	110.3	0.0	1.6	133.4	147.6	160.0	115E2X1RA	180/60HST	5.300
130	M130	-	-	15.0	97.0	115.0	114.0	123.3	0.0	1.6	146.1	161.9	185.0	130E2X1RA	180/60HST	5.900

All dimensions in millimetres

Note: *LSF Shrouds also available on request. Marine approvals including Lloyds, DNV & ABS are also available from CMP Products. # Other thread forms are available.

A2DG CABLE GLAND

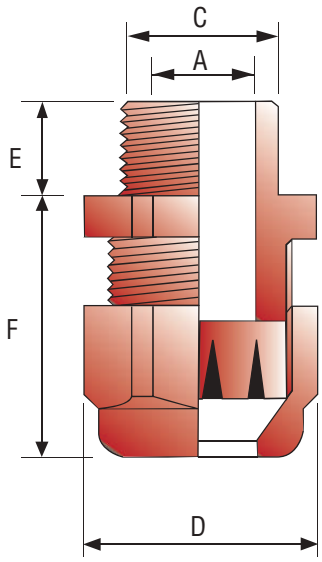


A2DG Dome Top Cable Gland

CMP A2DG type indoor and outdoor non-metallic Dome Cap cable gland for use with all types of Unarmoured cables, providing an environmental seal on the cable outer sheath. The A2DG cable glands are available in various colours and are supplied complete with sealing washer and locknut. Standard thread forms are metric to EN 60423.

Standard versions are produced in Low Smoke and Fume (LSF) polymeric materials with UL 94 V2 rating. Alternative versions are available in Red coloured Flame Retardant, Low Smoke and Fume (LSF) and Halogen Free polymeric material with UL 94 V0 rating.

TECHNICAL DATA	
Type	A2DG Dome Cable Gland
Design Specification	EN 50262:1999
Ingress Protection Rating	IP68 to a depth of 40 metres
Material	Low Smoke & Fume Polymeric Material
Continuous Operating Temperature Range	-20°C to +80°C, Intermittent up to 120°C
Available Colours	Black, White, Bright Red to Ral 3020, Light Grey to Ral 7035 and Mid Grey to Ral 7001
Standard Cable Gland Flammability Rating	UL 94 V2
Alternative Cable Gland Flammability Rating	UL 94 V0 (Red Colour Only)
Cable Type	Unarmoured
Sealing Area	Cable Outer Sheath
Accessories	Locknut & Sealing Washer (included)

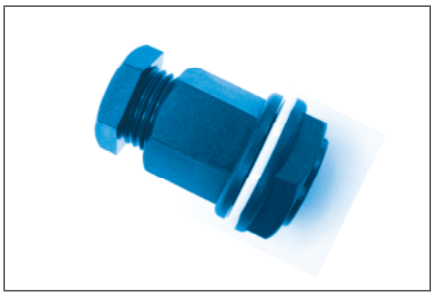


Substitute X for the colour Black=BLK, Red=R, White=W, Light Grey=LG, Mid Grey=MG

Cable Gland Selection Table

Standard Cable Gland Range								
Ordering Reference	Qty per Box	Thread Diameter 'C'	Thread Length 'E'	Overall Cable Diameter 'A'		Protrusion Length 'F'	Across Flats 'D'	Across Corners 'D'
				Min	Max		Max	Max
A2DG12S-X	100	M12	8.0	3.0	6.5	22.0	11.0	17.0
A2DG16S-X	100	M16	11.0	3.0	7.0	30.0	22.0	24.0
A2DG16L-X	100	M16	11.0	5.0	10.0	30.0	22.0	24.0
A2DG20S-X	100	M20	12.5	4.0	9.0	30.0	24.0	26.4
A2DG20M-X	100	M20	12.5	6.0	12.0	31.0	24.0	26.4
A2DG20L-X	100	M20	12.5	10.0	14.0	31.0	27.0	32.5
A2DG25L-X	100	M25	12.0	13.0	18.0	36.0	33.0	36.0
A2DG32S-X	75	M32	15.0	18.0	25.0	42.0	42.0	47.0
A2DG40S-X	60	M40	15.0	22.0	32.0	50.0	53.0	60.0
A2DG50S-X	50	M50	15.0	30.0	38.0	55.0	60.0	67.0
A2DG63S-X	50	M63	15.0	34.0	44.0	56.0	70.0	78.0
All dimensions in millimetres								

A2 200 HEX CABLE GLAND



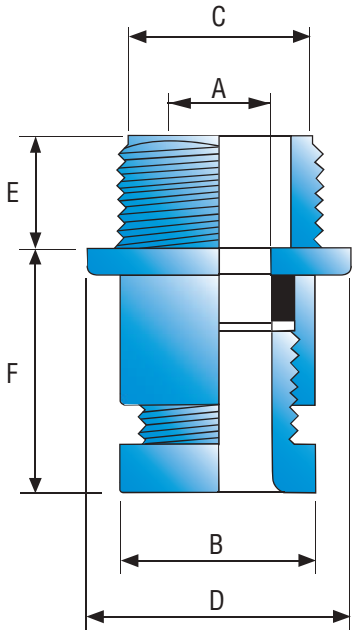
A2 200 Hex Head Series Cable Gland

CMP A2 200 type indoor and outdoor non-metallic Hex Head cable gland for use with all types of Unarmoured cables, providing an environmental seal on the cable outer sheath. The A2 200 Hex Head cable glands are available in various colours and are supplied complete with sealing washer and locknut. Standard thread forms are metric to EN 60423.

Standard versions are produced in Low Smoke and Fume (LSF) polymeric materials with UL 94 V2 rating.

Alternative versions are available in Red coloured Flame Retardant, Low Smoke and Fume (LSF) and Halogen Free polymeric material with UL 94 V0 rating.

TECHNICAL DATA	
Type	A2 200 Hex Head
Design Specification	EN 50262:1999
Ingress Protection Rating	IP55
Material	Low Smoke & Fume (LSF) Polymeric Material
Continuous Operating Temperature Range	-20°C to +80°C, Intermittent up to 120°C
Available Colours	Black, White, Bright Red to Ral 3020, Light Grey to Ral 7035 and Mid Grey to Ral 7001
Standard Cable Gland Flammability Rating	UL 94 V2
Alternative Cable Gland Flammability Rating	UL 94 V0 (Red Colour Only)
Cable Type	Unarmoured
Sealing Area	Cable Outer Sheath
Accessories	Locknut & Sealing Washer (included)



Substitute X for the colour Black=BLK, Red=R, White=W, Light Grey=LG, Mid Grey=MG

Cable Gland Selection Table

Standard Cable Gland Range								
Ordering Reference	Body Size	Thread Diameter 'C'	Min Thread Length 'E'	Overall Cable Diameter 'A'		Protrusion Length 'F'	Across Flats 'B'	Envelope Diameter 'D'
				Min	Max		Max	
A2 - 248 - X	16	M16	11.0	4.0	7.0	24.0	19.0	22.5
A2 - 250 - X	16	M16	11.0	7.0	10.5	24.0	19.0	22.5
A2 - 249 - X	16	M20	11.0	4.0	7.0	27.0	19.0	25.4
A2 - 251 - X	16	M20	11.0	7.0	10.5	27.0	19.0	25.4
A2 - 252 - X	20	M20	11.0	8.0	13.0	31.0	22.5	26.8
A2 - 264 - X	20	M25	11.0	4.0	7.0	31.0	23.0	32.5
A2 - 265 - X	20	M25	11.0	7.0	10.5	31.0	23.0	32.5
A2 - 253 - X	20	M25	11.0	8.0	13.0	31.0	23.0	32.5
A2 - 254 - X	25	M25	11.0	13.0	18.0	32.5	28.0	32.5
A2 - 255 - X	32	M32	13.0	18.0	24.5	38.0	36.0	42.0
All dimensions in millimetres								