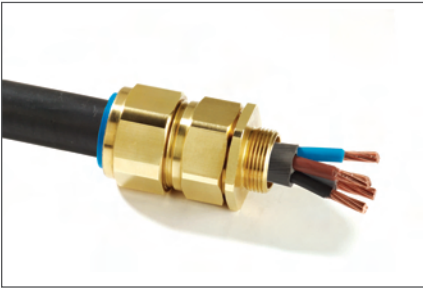


CW CABLE GLAND

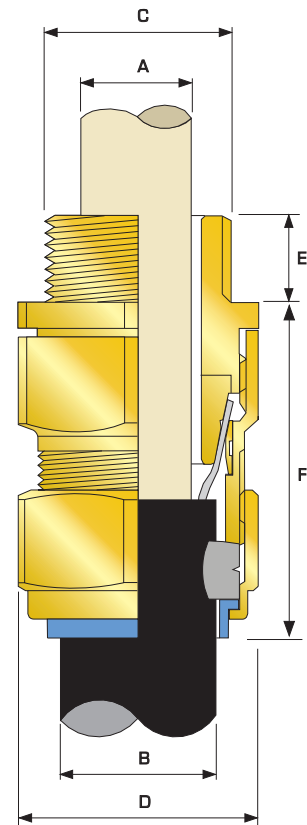


CW Industrial Cable Gland

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	POCC GB.ГБ05.H00110
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 Protusion Length 'F'	Ordering Reference (Brass Metric) #	Shroud Reference*	Cable Gland Weight (Kgs)
			Max	Min	Max	Stepped Cone										
						Min	Max									
20S/16	M20	10.0	8.7	6.1	11.5	0.80	1.00	24.0	26.4	43.0	20S16CW1RA	PVC04	0.118			
20S	M20	10.0	11.7	9.5	15.9	0.80	1.25	24.0	26.4	43.0	20SCW1RA	PVC04	0.118			
20	M20	10.0	14.0	12.5	20.9	0.80	1.25	30.5	33.6	50.0	20CW1RA	PVC06	0.159			
25S	M25	10.0	20.0	14.0	22.0	1.25	1.60	36.0	39.6	55.0	25SCW1RA	PVC09	0.228			
25	M25	10.0	20.0	18.2	26.2	1.25	1.60	36.0	39.6	55.0	25CW1RA	PVC09	0.228			
32	M32	10.0	26.3	23.7	33.9	1.60	2.00	46.0	50.6	58.0	32CW1RA	PVC11	0.362			
40	M40	15.0	32.2	27.9	40.4	1.60	2.00	55.0	60.5	55.0	40CW1RA	PVC15	0.520			
50S	M50	15.0	38.2	35.2	46.7	2.00	2.50	60.0	66.0	56.0	50SCW1RA	PVC18	0.579			
50	M50	15.0	44.1	40.4	53.1	2.00	2.50	70.1	77.1	70.0	50CW1RA	PVC21	0.601			
63S	M63	15.0	50.0	45.6	59.4	2.00	2.50	75.0	82.5	70.0	63SCW1RA	PVC23	1.054			
63	M63	15.0	56.0	54.6	65.9	2.00	2.50	80.0	88.0	80.0	63CW1RA	PVC25	1.200			
75S	M75	15.0	62.0	59.0	72.1	2.00	2.50	90.0	99.0	81.1	75SCW1RA	PVC28	1.779			
75	M75	15.0	68.0	66.7	78.5	2.50	3.00	100.0	110.0	96.0	75CW1RA	PVC30	2.370			
90	M90	15.0	80.0	76.2	90.4	3.00	3.50	114.0	125.4	120.0	90CW1RA	PVC32	3.515			
100	M100	15.0	91.0	86.1	101.5	3.15	4.00	123.0	135.3	140.0	100CW1RA	LSF33	4.100			
115	M115	15.0	98.0	101.5	110.3	3.15	4.00	133.4	146.7	160.0	115CW1RA	LSF34	4.600			
130	M130	15.0	115.0	114.2	123.3	3.15	4.00	146.1	160.7	169.0	130CW1RA	LSF35	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.