



CMP Products
Cable Gland & Cable



CABLE JOINTS, CABLE TERMINATIONS, CABLE GLANDS, CABLE CLEATS
FEEDER PILLARS, FUSE LINKS, ARC FLASH, CABLE ROLLERS, CUT-OUTS

11KV 33KV CABLE JOINTS & CABLE TERMINATIONS
FURSE EARTHING
www.cablejoints.co.uk
Thorne and Derrick UK
Tel 0044 191 490 1547 Fax 0044 191 477 5371
Tel 0044 117 977 4647 Fax 0044 117 9775582

CW CIEL Heavy Duty Industrial Cable Gland

CMP CW CIEL type brass cable gland for use with all types of Single Wire Armour (SWA) cable providing an environmental seal on the cable outer sheath, mechanical retention and electrical continuity via armour wire termination.

The CMP CW SOLO 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.

The CW CIEL cable gland is complete with a CMP unique Cast Integral Earth Lug concept. This is particularly suitable for use with Medium and High Voltage systems where a high level of protection against short circuit earth fault currents is required.

Technical Data	
Type	CW CIEL
Design Specification	BS 6121:Part 1:1989, EN 50262:1999
GOST R Certificate Number	POCC GB. ГБ05.H00110
GOST K Certificate Number	KZ 7500052 05 01 00063
RoK Permit For Use Number	08-067693
Continuous Operating Temperature	-60°C to +150°C
Ingress Protection Rating	IP66
Standard Cable Gland Material	Brass
Alternative Cable Gland Material	Aluminium, Electroless Nickel Plated Brass
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Single Wire Armour (SWA), Aluminium Wire Armour (AWA)
Armour Clamping	Armour Cone & AnyWay Universal Clamping Ring
Sealing Technique	Unique CMP "LRS" TM Outer Seal (Load Retention Seal)
Sealing Area(s)	Cable Outer Sheath
Accessories	Adaptor/Reducer, Locknut, Serrated Washer, Entry Thread Seal, Shroud

EN 50262 Mechanical Classifications - Retention = Class B, Impact = Level 8

EN 50262 Electrical Classifications - Category C

The Symmetrical Fault Current (kA) rating for 1 second applicable to the Cast Integral Earth Lug featured in the CW CIEL products are as follows:-

26.0 kA for cable gland sizes up to 40

43.0 kA for cable gland sizes 50S and above.

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Cable Gland & Cable Connection Specialists

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CMP CW CIEL CABLE GLAND SELECTION TABLE

Cable Gland Size	Entry Thread	Minimum Thread Length	Cable Bedding Diameter	Overall Cable Diameter		Armour Range		Across Flats	Across Corners	Protrusion Length	CIEL Earth Bolt Size	Earth Fault Current Rating (kA)	Ordering Reference (Brass Metric)	PVC Shroud Ref *	Cable Gland Weight (Kgs)
			Max	Min	Max	Min	Max	Max	Max						
20S	M20	10.0	11.7	9.5	15.9	0.9	1.3	24.0	26.6	58.5	M8	26	20SCWC1RA	PVC04	0.140
20	M20	10.0	14.0	13.0	20.9	0.9	1.3	30.5	33.3	60.5	M8	26	20CWC1RA	PVC06	0.180
25S	M25	10.0	20.0	14.0	22.0	1.3	1.6	37.5	40.5	67.5	M8	26	25SCWC1RA	PVC09	0.257
25	M25	10.0	20.0	18.0	26.2	1.3	1.6	37.5	40.5	67.5	M8	26	25CWC1RA	PVC09	0.257
32	M32	10.0	26.3	24.0	33.9	1.6	2.0	46.0	51.0	69.5	M8	26	32CWC1RA	PVC11	0.376
40	M40	15.0	32.2	28.0	40.4	1.6	2.0	55.0	61.0	78.0	M10	26	40CWC1RA	PVC15	0.630
50S	M50	15.0	38.2	35.0	46.7	2.0	2.5	60.0	66.5	75.5	M12	43	50SCWC1RA	PVC18	0.757
50	M50	15.0	44.1	40.0	53.1	2.0	2.5	70.0	78.6	80.5	M12	43	50CWC1RA	PVC21	0.862
63S	M63	15.0	50.0	46.0	59.4	2.0	2.5	75.0	83.2	91.5	M12	43	63SCWC1RA	PVC23	1.390
63	M63	15.0	56.0	55.0	65.9	2.0	2.5	80.0	89.0	92.0	M12	43	63CWC1RA	PVC25	1.360
75S	M75	15.0	62.0	59.0	72.1	2.0	2.5	89.0	101.6	99.0	M12	43	75SCWC1RA	PVC28	2.307
75	M75	15.0	68.0	67.0	78.5	2.0	2.5	99.0	111.1	102.0	M12	43	75CWC1RA	PVC30	2.909
90	M90	15.0	80.0	76.0	90.4	3.2	3.2	114.0	128.6	120.0	M12	43	90CWC1RA	PVC32	3.858
100	M100	15.0	91.0	89.0	102.0	3.2	3.2	123.0	136.0	150.0	M12	43	100CWC1RA	150/50HST	4.958

Dimensions are displayed in Millimetres

NOTE: * CMP SOLO LSF Halogen Free Shrouds also available on request. # Please click on the "How To Order" page above for information on other thread forms, materials and finishes. Marine Approvals including Lloyds, DNV & ABS are also available from CMP Products.