



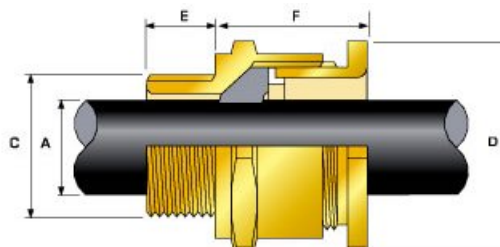
Brass

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.

All CMP Cable Glands are EMC Tested.

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.



Cable Gland Selection Table

Cable Gland Size	Available Entry Threads "C"			Minimum Thread Length "E"	Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protusion Length "F"	Ordering Reference (Brass Metric) #	PVC Shroud Ref *	Cable Gland Weight (Kgs)
	Standard		Option		Max	Max	Max					
	Metric	NPT	NPT									
20S/16	M20	1/2"	3/4"	10.0	3.2	8.7	24.0	25.9	21.0	20S16A21RA	PVC04	0.054
20S	M20	1/2"	3/4"	10.0	6.1	11.7	24.0	25.9	21.0	20SA21RA	PVC04	0.054
20	M20	1/2"	3/4"	10.0	6.5	14.0	27.0	29.2	24.0	20A21RA	PVC05	0.059
25	M25	3/4"	1"	10.0	11.1	20.0	36.0	38.9	26.0	25A21RA	PVC09	0.112
32	M32	1"	1 1/4"	10.0	17.0	26.3	41.0	44.3	27.0	32A21RA	PVC10	0.128
40	M40	1 1/4"	1 1/2"	15.0	23.5	32.2	50.0	54.0	28.0	40A21RA	PVC13	0.168
50S	M50	1 1/2"	2"	15.0	31.0	38.2	55.0	59.4	29.0	50SA21RA	PVC14	0.224
50	M50	2"	2 1/2"	15.0	35.6	44.1	60.0	64.8	30.0	50A21RA	PVC17	0.231
63S	M63	2"	2 1/2"	15.0	41.5	50.0	70.0	75.6	30.0	63SA21RA	PVC20	0.360
63	M63	2 1/2"	3"	15.0	47.2	56.0	75.0	81.0	30.0	63A21RA	PVC22	0.344
75S	M75	2 1/2"	3"	15.0	54.0	62.0	80.0	86.4	32.0	75SA21RA	PVC24	0.466
75	M75	3"	3 1/2"	15.0	61.1	68.0	85.0	91.8	32.0	75A21RA	PVC26	0.395
90	M90	3"	3 1/2"	15.0	66.6	80.0	108.0	116.6	44.0	90A21RA	PVC31	1.346
100	M100	4"	-	15.0	76.0	91.0	123.0	132.8	48.0	100A21RA	PVC32	1.575
115	M115	-	-	15.0	86.0	98.0	133.4	144.1	55.0	115A21RA	LSF34	2.322
130	M130	-	-	15.0	97.0	115.0	152.4	164.6	62.0	130A21RA	LSF35	3.400

Dimensions are displayed in millimetres unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. # Other thread forms are available.

Cable Gland Size	Available Entry Threads "C"			Minimum Thread Length "E"	Overall Cable Diameter "A"		Across Flats "D"	Across Corners "D"	Protusion Length "F"	Ordering Reference (Brass Metric) #	PVC Shroud Ref *	Cable Gland Weight (Ozs)
	Standard		Option		Min	Max	Max	Max				
	Metric	NPT	NPT									
20S/16	M20	1/2"	3/4"	0.394	0.126	0.343	0.945	1.020	0.827	20S16A21RA	PVC04	1.90
20S	M20	1/2"	3/4"	0.394	0.240	0.461	0.945	1.020	0.827	20SA21RA	PVC04	1.90
20	M20	1/2"	3/4"	0.394	0.256	0.551	1.063	1.150	0.945	20A21RA	PVC05	2.08
25	M25	3/4"	1"	0.394	0.437	0.787	1.417	1.531	1.024	25A21RA	PVC09	3.95
32	M32	1"	1 1/4"	0.394	0.669	1.035	1.614	1.744	1.063	32A21RA	PVC10	4.52
40	M40	1 1/4"	1 1/2"	0.591	0.925	1.268	1.969	2.126	1.102	40A21RA	PVC13	5.93
50S	M50	1 1/2"	2"	0.591	1.220	1.504	2.165	2.339	1.142	50SA21RA	PVC14	7.90
50	M50	2"	2 1/2"	0.591	1.402	1.736	2.362	2.551	1.181	50A21RA	PVC17	8.15
63S	M63	2"	2 1/2"	0.591	1.634	1.969	2.756	2.976	1.181	63SA21RA	PVC20	12.70
63	M63	2 1/2"	3"	0.591	1.858	2.205	2.953	3.189	1.181	63A21RA	PVC22	12.13
75S	M75	2 1/2"	3"	0.591	2.126	2.441	3.150	3.402	1.260	75SA21RA	PVC24	16.44
75	M75	3"	3 1/2"	0.591	2.406	2.677	3.346	3.614	1.260	75A21RA	PVC26	13.93
90	M90	3"	3 1/2"	0.591	2.622	3.150	4.252	4.591	1.732	90A21RA	PVC31	47.48
100	M100	4"	-	0.591	2.992	3.583	4.843	5.228	1.890	100A21RA	LSF32	55.56
115	M115	-	-	0.591	3.386	3.858	5.252	5.673	2.165	115A21RA	LSF34	81.91
130	M130	-	-	0.591	3.819	4.528	6.000	6.480	2.441	130A21RA	LSF35	119.93

Dimensions are displayed in inches unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. # Other thread forms are available.



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Technical Data

GOST R Certificate Number	POCC GB.06.H00187
GOST GGTN Permit	PPC 00-40706
GOST K Certificate Number	KZ 75000361 01 01 14761
RoK Permit For Use Number	19-02-UL-1957
Lloyds Approval No.	01/00171
ABS Approval No.	01-LD234401/1-PDA
Type	A2
Design Specification	BS 6121:Part 1:1989 , EN 50262:1999
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
Cable Gland Material	Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium
Seal Material	CMP Formulated Thermoplastic Elastomer
Cable Type	Unarmoured
Sealing Technique	CMP Unique Displacement Seal Concept
Sealing Area(s)	Cable Outer Sheath
Accessories	Adaptor/Reducer , Earth Tag , Locknut , Serrated Washer , Entry Thread Seal , Shroud

