

# A2 Industrial Cable Gland

Unarmored and Exterior Braid Armor With Protective Sheath Cable.

**CEC:**  
 Rated for Non - Hazardous Locations  
 Type 4x

## Applications

- A2 type brass indoor and outdoor cable gland for use with all types of unarmored and exterior braid armor with protective sheath cable providing mechanical cable retention and an environmental seal on the cable outer sheath.

## Features

- Designed and tested to BS 6121: Part 1: 1989, meets and surpasses the requirements of EN 50262:1999.
- Brass grade CuZn39Pb3 (CW614N) to EN12168.
- Continuous operating temperature range: -60 °C to +130 °C (-76 °F to +266 °F).
- Cable type: unarmored.
- Sealing technique - Displacement seal concept.
- Sealing area(s) - outer sheath.

## Standard Materials

- Gland: brass, fully nickel plated
- Seal: SOLO LSF (low smoke fumes) thermoplastic elastomer

## Options

- Aluminum: replace last digit 5 with 1
- 316L stainless steel: replace last digit 5 with 4
- Shroud, locknut, earth tag, entry thread seal, serrated washers, adaptors and reducers: see *Cable Gland Accessories* pages

## CEC Certifications and Compliances

- cCSAus Certified: 101909
- CSA Standard: C22.2 No. 174
- Ingress Protection IP66, IP67 and IP68
- Deluge Protection - To DTS01: 91
- CEPEL/INMENRD: EX-023
- SAQAS: AUSEX764

HAZARDOUS LOCATION FITTINGS: ORDINARY LOCATION CABLE GLANDS

Cable Gland Size	Metric Thread C	Catalog Numbers				
		Standard Metric ①	Standard NPT Thread C	Standard NPT ①	Optional NPT Thread C	Optional NPT Thread ①
20S/16	M20	2016A25	1/2	2016A20505	3/4	2016A20755
20S	M20	20SA25	1/2	20SA20505	3/4	20SA20755
20	M20	20A25	1/2	20A20505	3/4	20A20755
25	M25	25A25	3/4	25A20755	1	25A21005
32	M32	32A25	1	32A21005	1-1/4	32A21255
40	M40	40A25	1-1/4	40A21255	1-1/2	40A21505
50S	M50	50SA25	1-1/2	50SA21505	2	50SA22005
50	M50	50A25	2	50A22005	2-1/2	50A22505
63S	M63	63SA25	2	63SA22005	2-1/2	63SA22505
63	M63	63A25	2-1/2	63A22505	3	63A23005
75S	M75	75SA25	2-1/2	75SA22505	3	75SA23005
75	M75	75A25	3	75A23005	3-1/2	75A23505
90	M90	90A25	3	90A23005	4	90A2X3505
100	M100	100A25	4	100A24005	5	100A25005
115	M115	115A25	4	115A24005	5	115A25005
130	M130	130A25	5	130A25005	6	130A26005

① Entry thread seal not supplied, see *Cable Gland Accessories and Tools*.

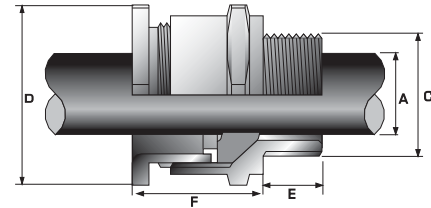
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Dimensions in Millimeters (Inches)



Cable Gland Size	Overall Cable Diameter mm (in) A		Across Flats mm (in) D	Across Corners mm (in) D	Maximum Thread Length mm (in) E	Nominal Protrusion Length mm (in) F	Optional PVC Shroud	Weight kg (oz)
	Min	Max						
20S/16	3.20 (0.13)	8.70 (0.34)	24.00 (0.94)	26.40 (1.04)	10.00 (0.39)	21.00 (0.83)	<b>PVC04</b>	0.07 (2.47)
20S	6.10 (0.24)	11.70 (0.46)	24.00 (0.94)	26.40 (1.04)	10.00 (0.39)	21.00 (0.83)	<b>PVC04</b>	0.06 (2.12)
20	6.50 (0.26)	14.00 (0.55)	27.00 (1.06)	29.70 (1.17)	10.00 (0.39)	24.00 (0.94)	<b>PVC05</b>	0.07 (2.47)
25	11.10 (0.44)	20.00 (0.79)	36.00 (1.42)	39.60 (1.56)	10.00 (0.39)	26.00 (1.02)	<b>PVC09</b>	0.13 (4.59)
32	17.00 (0.67)	26.30 (1.04)	41.00 (1.61)	45.10 (1.78)	10.00 (0.39)	27.00 (1.06)	<b>PVC10</b>	0.15 (5.29)
40	23.50 (0.93)	32.20 (1.27)	50.00 (1.97)	55.00 (2.17)	15.00 (0.59)	28.00 (1.10)	<b>PVC13</b>	0.20 (7.05)
50S	31.00 (1.22)	38.20 (1.50)	55.00 (2.17)	60.50 (2.38)	15.00 (0.59)	29.00 (1.14)	<b>PVC14</b>	0.26 (9.17)
50	35.60 (1.40)	44.10 (1.74)	60.00 (2.36)	66.00 (2.60)	15.00 (0.59)	30.00 (1.18)	<b>PVC17</b>	0.27 (9.52)
63S	41.50 (1.63)	50.00 (1.97)	70.00 (2.76)	77.00 (3.03)	15.00 (0.59)	30.00 (1.18)	<b>PVC20</b>	0.43 (15.17)
63	47.20 (1.86)	56.00 (2.20)	75.00 (2.95)	82.50 (3.25)	15.00 (0.59)	30.00 (1.18)	<b>PVC22</b>	0.46 (16.23)
75S	54.00 (2.13)	62.00 (2.44)	80.00 (3.15)	88.00 (3.46)	15.00 (0.59)	32.00 (1.26)	<b>PVC24</b>	0.52 (18.34)
75	61.10 (2.41)	68.00 (2.68)	85.00 (3.35)	93.50 (3.68)	15.00 (0.59)	32.00 (1.26)	<b>PVC26</b>	0.50 (17.64)
90	66.60 (2.62)	80.00 (3.15)	108.00 (4.25)	118.80 (4.68)	24.00 (0.94)	44.00 (1.73)	<b>PVC31</b>	1.60 (56.44)
100	76.00 (2.99)	91.00 (3.58)	123.00 (4.84)	135.30 (5.33)	24.00 (0.94)	48.00 (1.89)	<b>LSF32</b>	1.78 (62.79)
115	86.00 (3.39)	98.00 (3.86)	133.40 (5.25)	146.70 (5.78)	24.00 (0.94)	55.00 (2.17)	<b>LSF34</b>	2.67 (94.18)
130	97.00 (3.82)	115.00 (4.53)	152.40 (6.00)	167.60 (6.6)	24.00 (0.94)	62.00 (2.44)	<b>LSF35</b>	3.80 (134.04)

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