

# 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
- CEP/EL/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*.

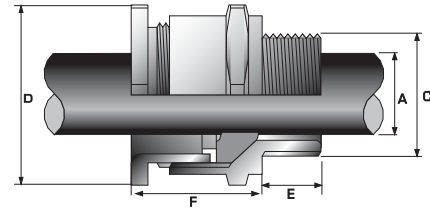
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Dimensions in Millimeters (Inches)



| 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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