



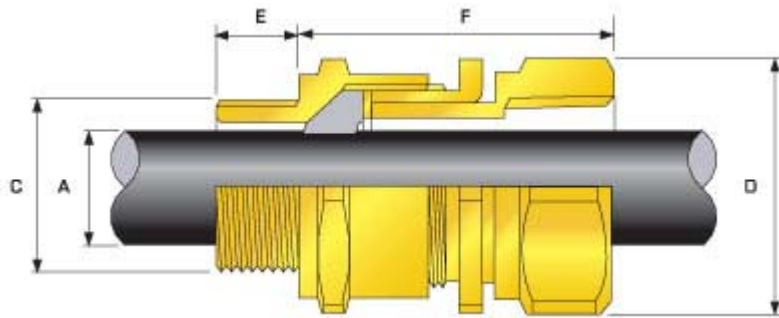
Brass

A2RC Industrial Cable Gland With Conduit Connection Facility

CMP A2RC type brass indoor and outdoor conduit connection cable gland for use with all types of Unarmoured cables housed in rigid conduit systems. The cable gland is equipped with a rotating male or female connection which is available in a variety of thread forms for ease of conduit installation, including NPT and Metric. Customers are requested to kindly specify the male and female thread form and sizes required when ordering.

All CMP Cable Glands are EMC Tested.

The CMP A2RC 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.



Cable Gland Selection Table

| Cable Gland Size | Available Entry Threads "C" | | | Standard Female NPT Thread | Minimum Thread Length "E" | Overall Cable Diameter "A" | | Across Flats "D" | Across Corners "D" | Protrusion Length "F" | Ordering Reference (Brass Metric Male x NPT Female) # | Cable Gland Weight (Kgs) |
|------------------|-----------------------------|--------|--------|----------------------------|---------------------------|----------------------------|------|------------------|--------------------|-----------------------|---|--------------------------|
| | Standard | | Option | | | Max | Max | Max | | | | |
| | Metric | NPT | NPT | | | | | | | | | |
| 20S/16 | M20 | 1/2" | 3/4" | 1/2" | 10.0 | 3.2 | 8.7 | 24.0 | 26.4 | 42.0 | 20S16A2RC1RA031 | 0.075 |
| 20S | M20 | 1/2" | 3/4" | 1/2" | 10.0 | 6.1 | 11.7 | 24.0 | 26.4 | 42.0 | 20SA2RC1RA031 | 0.075 |
| 20 | M20 | 1/2" | 3/4" | 1/2" | 10.0 | 6.5 | 14.0 | 27.0 | 29.7 | 47.0 | 20A2RC1RA031 | 0.082 |
| 25 | M25 | 3/4" | 1" | 3/4" | 10.0 | 11.1 | 20.0 | 36.0 | 39.6 | 56.0 | 25A2RC1RA032 | 0.165 |
| 32 | M32 | 1" | 1 1/4" | 1" | 10.0 | 17.0 | 26.3 | 41.0 | 45.1 | 58.0 | 32A2RC1RA033 | 0.180 |
| 40 | M40 | 1 1/4" | 1 1/2" | 1 1/4" | 15.0 | 23.5 | 32.2 | 50.0 | 55.0 | 60.0 | 40A2RC1RA034 | 0.250 |
| 50S | M50 | 1 1/2" | 2" | 1 1/2" | 15.0 | 31.0 | 38.2 | 55.0 | 60.5 | 62.0 | 50SA2RC1RA035 | 0.310 |
| 50 | M50 | 2" | 2 1/2" | 2" | 15.0 | 35.6 | 44.1 | 60.0 | 66.0 | 64.0 | 50A2RC1RA036 | 0.330 |
| 63S | M63 | 2" | 2 1/2" | 2" | 15.0 | 41.5 | 50.0 | 70.0 | 77.0 | 66.0 | 63SA2RC1RA036 | 0.480 |
| 63 | M63 | 2 1/2" | 3" | 2 1/2" | 15.0 | 47.2 | 56.0 | 75.0 | 82.5 | 67.0 | 63A2RC1RA037 | 0.460 |
| 75S | M75 | 2 1/2" | 3" | 2 1/2" | 15.0 | 54.0 | 62.0 | 80.0 | 88.0 | 68.0 | 75SA2RC1RA037 | 0.650 |
| 75 | M75 | 3" | 3 1/2" | 3" | 15.0 | 61.1 | 68.0 | 85.0 | 93.5 | 70.0 | 75A2RC1RA038 | 0.580 |
| 90 | M90 | 3" | 3 1/2" | 3" | 15.0 | 66.6 | 80.0 | 108.0 | 118.8 | 75.0 | 90A2RC1RA038 | 0.900 |

Dimensions are displayed in millimetres unless otherwise stated

NOTE: # Other thread forms are available.

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Technical Data

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| 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 |
| Type | A2RC |
| 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 |
| Continuous Operating Temperature | -60°C to +150°C |
| Ingress Protection Rating | IP66 |
| 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 |