

# CX Gland Kit

## KA414 Series



**The CX is an industrial cable gland for easy termination and inspection of braid wire armoured cables.**

### Features and benefits:

- Indoor & outdoor type for Wire Braid Armour cable
- Brass indoor & outdoor gland and accessories
- For Wire braid armour plastic or rubber sheathed cables
- Suitable for most climatic conditions, weatherproof and waterproof
- Three part armour lock with separate armour locking ring, ideal for checking electrical continuity

### Kit comprises:

CX Gland  
Brass Earth Tag  
Brass Locknut  
PCP Shroud  
(2 per kit up to and including 25mm size)



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## Technical Information:

Suitable for use with all Wire Braid Armoured Cables

CuZn39Pb3 brass alloy used for guaranteed strength and performance

Complies with BS EN 50262 & BS 6121-1: 1989

Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface

Service temperature range -20°C to +90°C

## Specifications

| Gland Kit Reference |         |             | Cable Dimensions mm   |               |      | Gland Dimensions mm |                  |                   |                       |         |         |
|---------------------|---------|-------------|-----------------------|---------------|------|---------------------|------------------|-------------------|-----------------------|---------|---------|
| Design Reference    | Size    | Qty per Kit | Under Braid Max Ø (A) | Overall Ø (B) |      | Braid Armour Wire Ø | Entry Thread (D) | Thread Length (E) | Protrusion Length (F) | Hexagon |         |
|                     |         |             |                       | Min           | Max  |                     |                  |                   |                       | A/F (G) | A/C (H) |
| KA414-81            | 16*     | 2           | 7.5                   | 3.5           | 9.2  | 0.2 / 0.3           | M16×1.5          | 10                | 40                    | 19.0    | 21.5    |
| KA414-91            | 20mini* | 2           | 7.5                   | 3.5           | 9.2  | 0.2 / 0.3           | M20×1.5          | 15                | 40                    | 22.0    | 24.9    |
| KA414-51            | 16      | 2           | 8.6                   | 8.0           | 13.2 | 0.2 / 0.3           | M16×1.5          | 10                | 44                    | 23.4    | 26.7    |
| KA414-71            | 20SS    | 2           | 8.6                   | 8.0           | 13.2 | 0.2 / 0.3           | M20×1.5          | 10                | 44                    | 23.4    | 26.7    |
| KA414-52            | 20S     | 2           | 11.6                  | 8.0           | 15.8 | 0.2 / 0.3           | M20×1.5          | 10                | 46                    | 25.7    | 29.2    |
| KA414-53            | 20      | 2           | 13.9                  | 11.7          | 20.8 | 0.2 / 0.3           | M20×1.5          | 10                | 46                    | 30.5    | 34      |
| KA414-55            | 25      | 2           | 19.9                  | 17.0          | 27.2 | 0.2 / 0.45          | M25×1.5          | 10                | 51                    | 37.6    | 42.2    |
| KA414-56            | 32      | 1           | 26.2                  | 23.5          | 33.5 | 0.3 / 0.45          | M32×1.5          | 10                | 56                    | 47.3    | 53.6    |
| KA414-57            | 40      | 1           | 32.1                  | 29.0          | 39.9 | 0.3 / 0.45          | M40×1.5          | 15                | 59                    | 56.4    | 61.5    |
| KA414-59            | 50      | 1           | 44.0                  | 39.5          | 52.6 | 0.3 / 0.45          | M50×1.5          | 15                | 64                    | 70.1    | 77.2    |
| KA414-61            | 63      | 1           | 55.9                  | 51.3          | 65.3 | 0.3 / 0.45          | M63×1.5          | 15                | 67                    | 80.0    | 87.4    |
| KA414-63            | 75      | 1           | 67.9                  | 62.5          | 78.0 | 0.3 / 0.45          | M75×1.5          | 15                | 76                    | 98.8    | 109.2   |
| KA414-64            | 85      | 1           | 74                    | 68            | 88   | 0.3 / 0.45          | M85×2.0          | 20                | 110                   | 115     | 126     |
| KA414-65            | 90      | 1           | 79                    | 79            | 90   | 0.3 / 0.45          | M90×2.0          | 20                | 136                   | Ø 114   |         |

\* For use with miniature braided cables. These kits do not include a shroud

