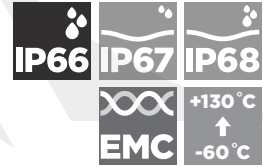
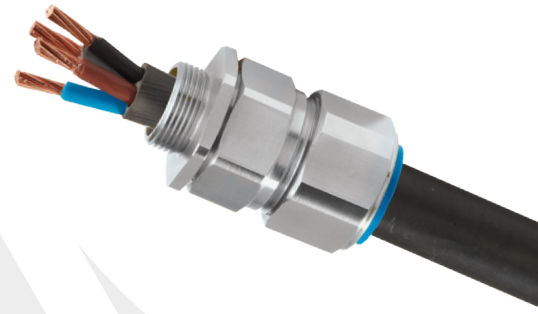


CX SINGLE SEAL INDUSTRIAL CABLE GLAND

FOR BRAID, PLIABLE WIRE & STEEL TAPE ARMoured CABLES

- High quality durable materials
- Robust, heavy duty design
- Metal-to-metal armour clamping
- Direct & remote installation
- Controlled outer 'load retention' seal
- Unique OSTG prevents over tightening
- -60°C to +130°C (standard)
- Deluge protection option
- Superior EMC performance



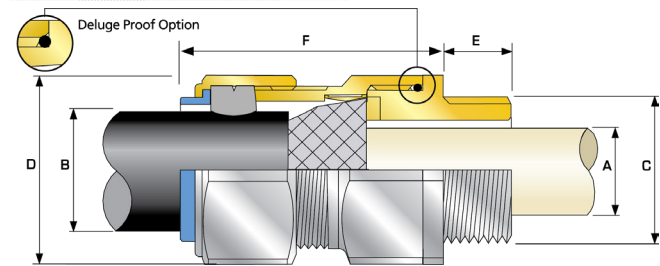
TECHNICAL CLASSIFICATION

| | |
|-----------------------------|--|
| DESIGN SPECIFICATION | BS 6121: Part 1:1989, IEC 62444, EN 62444 |
| MECHANICAL CLASSIFICATION* | Impact = Level 8, Cable Anchorage = Class D |
| ENCLOSURE PROTECTION | IK10 to IEC 62262 (20 joules) Brass & Stainless Steel only |
| ELECTRICAL CLASSIFICATIONS* | Category A |
| INGRESS PROTECTION RATING** | IP66 as standard (IP67, IP68*** available upon request) |
| CABLE GLAND MATERIAL | Brass, Electroless Nickel Plated Brass, Stainless Steel, Aluminium |
| CABLE TYPE | Wire Braid Armour, Screened Flexible (EMC) Wire Braid (e.g. CY / SY), Pliable Wire Armour (PWA), Steel Tape Armour (STA) |
| SEAL MATERIAL | CMP Thermoset Rubber |
| SEALING TECHNIQUE | Unique CMP 'LRS' Outer Seal (Load Retention Seal) |
| SEALING AREA(S) | Cable Outer Sheath |
| ARMOUR CLAMPING | Detachable Armour Cone & AnyWay Universal Clamping Ring |

* Mechanical & Electrical Classifications applied as per IEC 62444 & EN 62444 ** When CMP installation accessories are used. Refer to www.cmp-products.com for further information. *** IP68 tested to a minimum depth of 30 metres for 12 hours, alternative depths / durations can be provided upon request

GLOBAL PRODUCT CERTIFICATION

| | |
|--------------------|--|
| GOST R CERTIFICATE | 04ИД101.ГВ.С02492 |
| MARINE APPROVALS | LRS: LR22320255TA, ABS: 21-2090848-PDA |



* Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armour (STA, DSTA) and Aluminum Strip Armour (ASA) but is also suitable for Single Wire Armour (SWA), Aluminum Wire Armour (AWA) and Pliable Wire Armour (PWA) if the range is outside that of the Stepped Cone (W). Grooved Cone (X) dimensions shown in the Cable Gland Selection Table below are for a double wire strand of braid armour cables. Tapes can also be doubled over. For cables that have only a single layer of armour such as SWA the clamping range should be used as shown in the table below. Stepped (W) Cone is suitable for Single Wire Armour (SWA), or Aluminum Wire Armour (AWA) cables.

| COMBINED ORDERING REFERENCE | | | AVAILABLE ENTRY THREADS 'C' | | CABLE BEDDING DIAMETER 'A' | OVERALL CABLE DIAMETER 'B' | | | ARMOUR RANGE ¹ GROOVED CONE (X) | | ACROSS FLATS 'D' | ACROSS CORNERS 'D' | PROTRUSION LENGTH 'F' | SHROUD | CABLE GLAND WEIGHT (kg) |
|-----------------------------|------|-----------------|-----------------------------|-------------------|----------------------------|----------------------------|-------|-----|--|-------|------------------|--------------------|-----------------------|--------|-------------------------|
| SIZE | TYPE | ORDERING SUFFIX | METRIC | THREAD LENGTH 'E' | MAX | MIN | MAX | MIN | MAX | MAX | MAX | MAX | MAX | | |
| 20S16 | CX | 1RA | M20 | 10.0 | 8.7 | 6.1 | 13.1 | 0.3 | 1.0 | 24.0 | 26.4 | 48.0 | PVC04 | 0.100 | |
| 20S | CX | 1RA | M20 | 10.0 | 11.7 | 9.5 | 15.9 | 0.3 | 1.0 | 24.0 | 26.4 | 48.0 | PVC04 | 0.100 | |
| 20 | CX | 1RA | M20 | 10.0 | 14.0 | 12.5 | 20.9 | 0.4 | 1.0 | 30.5 | 33.6 | 48.0 | PVC06 | 0.147 | |
| 25S | CX | 1RA | M25 | 10.0 | 20.0 | 14.0 | 22.0 | 0.4 | 1.2 | 37.5 | 41.3 | 56.0 | PVC09 | 0.224 | |
| 25 | CX | 1RA | M25 | 10.0 | 20.0 | 18.2 | 26.2 | 0.4 | 1.2 | 37.5 | 41.3 | 56.0 | PVC09 | 0.221 | |
| 32 | CX | 1RA | M32 | 10.0 | 26.3 | 23.7 | 33.9 | 0.4 | 1.2 | 46.0 | 50.6 | 54.0 | PVC11 | 0.306 | |
| 40 | CX | 1RA | M40 | 15.0 | 32.2 | 27.9 | 40.4 | 0.4 | 1.6 | 55.0 | 60.5 | 58.0 | PVC15 | 0.448 | |
| 50S | CX | 1RA | M50 | 15.0 | 38.2 | 35.2 | 46.7 | 0.4 | 1.6 | 60.0 | 66.0 | 61.0 | PVC18 | 0.567 | |
| 50 | CX | 1RA | M50 | 15.0 | 44.1 | 40.4 | 53.0 | 0.6 | 1.6 | 70.1 | 77.1 | 60.0 | PVC21 | 0.751 | |
| 63S | CX | 1RA | M63 | 15.0 | 50.0 | 45.6 | 59.4 | 0.6 | 1.6 | 75.0 | 82.5 | 74.0 | PVC23 | 1.036 | |
| 63 | CX | 1RA | M63 | 15.0 | 56.0 | 54.6 | 65.8 | 0.6 | 1.6 | 80.0 | 88.0 | 71.0 | PVC25 | 1.016 | |
| 75S | CX | 1RA | M75 | 15.0 | 62.0 | 59.0 | 72.0 | 0.6 | 1.6 | 90.0 | 99.0 | 86.0 | PVC28 | 1.787 | |
| 75 | CX | 1RA | M75 | 15.0 | 68.0 | 66.7 | 78.4 | 0.6 | 1.6 | 100.0 | 110.0 | 82.0 | PVC30 | 2.091 | |
| 90 | CX | 1RA | M90 | 24.0 | 80.0 | 76.2 | 90.3 | 0.8 | 1.6 | 114.3 | 125.7 | 95.0 | PVC32 | 3.044 | |
| 100 | CX | 1RA | M100 | 24.0 | 91.0 | 86.1 | 101.4 | 0.8 | 1.6 | 123.0 | 135.3 | 95.0 | LSF33 | 3.132 | |
| 115 | CX | 1RA | M115 | 24.0 | 98.0 | 101.5 | 110.2 | 0.8 | 1.6 | 133.4 | 146.7 | 107.5 | LSF34 | 4.476 | |
| 130 | CX | 1RA | M130 | 24.0 | 115.0 | 110.2 | 123.2 | 0.8 | 1.6 | 152.4 | 167.6 | 110.0 | LSF35 | 5.761 | |

¹ For material options add the following suffix to the ordering reference; Brass (no suffix required); Nickel Plated Brass '5'; 316 Grade Stainless Steel '4'; Copper Free Aluminium '1'
For NPT options please add the following digits to the material suffix; 1/2" = 31, 3/4" = 32, 1" = 33, 1 1/4" = 34, 1 1/2" = 35, 2" = 36, 2 1/2" = 37, 3" = 38, 3 1/2" = 39, 4" = 310 (Brass requires prefix "0")

Examples: 32CX1RA534 = Nickel Plated Brass 1 1/4" NPT, 50SCX1RA035 = Brass 1 1/2" NPT, 25CX1RA432 = Stainless Steel 3/4" NPT, 20CX1RAS = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated