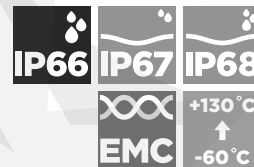


## FOR ALL TYPES OF LEAD SHEATHED ARMoured CABLES

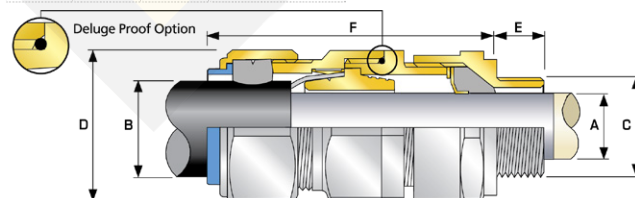
- Effectively earths / grounds lead sheathed cables
- Metal-to-metal armour clamping
- Direct & remote installation
- Permanently crimped, low impedance earth termination
- Secure against self-loosening
- Displacement type inner seal
- Controlled outer 'load retention' seal
- Unique OSTG prevents overtightening
- Deluge protection option
- -60°C to +130°C
- 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 B (Category A when used with braid, tape or pliable wire armour cables)                                                                                                                                |
| INGRESS PROTECTION RATING** | IP66 as standard (IP67, IP68*** available upon request)                                                                                                                                                         |
| CABLE GLAND MATERIAL        | Brass, Electroless Nickel Plated Brass, Aluminium                                                                                                                                                               |
| CABLE TYPE                  | Lead Sheathed & Single Wire Armour (LC/SWA), Lead Sheathed & Wire Braid Armour, Lead Sheathed & Steel Tape Armour (LC/STA), Lead Sheathed & Pliable Wire Armour (LC/PWA), Lead Sheathed & Strip Armour (LC/ASA) |
| SEAL MATERIAL               | CMP Thermoset Rubber                                                                                                                                                                                            |
| SEALING TECHNIQUE           | CMP Inner Displacement Seal & Unique CMP 'LRS'™ Outer Load Retention Seal                                                                                                                                       |
| SEALING AREA(S)             | Cable Inner Lead Sheath & Outer Sheath                                                                                                                                                                          |
| ARMOUR CLAMPING             | Reversible 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](http://www.cmp-products.com) for further information. \*\*\* IP68 tested to a minimum depth of 30 metres for 12 hours, alternate depths / durations can be provided upon request

| GLOBAL PRODUCT CERTIFICATION |                                      |
|------------------------------|--------------------------------------|
| GOST R CERTIFICATE           | POCC GB.HA46.H00140                  |
| MARINE APPROVALS             | LRS: 01/00171, ABS: 16-LD1472056-PDA |



\* Grooved Cone (X) is predominantly used for Wire Braid (e.g. GSWB, TCWB), Steel Tape Armor (STA, DSTA) and Aluminum Strip Armor (ASA) but is also suitable for Single Wire Armor (SWA), Aluminum Wire Armor (AWA) and Pliable Wire Armor (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 armor cables. Tapes can also be doubled over. For cables that have only a single layer of armor such as SWA the clamping range should be used as shown in the table below. Stepped (W) Cone is suitable for Single Wire Armor (SWA), or Aluminum Wire Armor (AWA) cables.

| COMBINED ORDERING REFERENCE<br>(*BRASS METRIC) |     |     | AVAILABLE ENTRY THREADS "C"<br>(ALTERNATE METRIC THREAD LENGTHS AVAILABLE) |      |                    |        |                                     | CABLE LEAD SHEATH<br>DIAMETER "A" |                               | OVERALL CABLE DIAMETER<br>"B" |       | ARMOUR RANGE † |     |      |                     | ACROSS<br>FLATS "D" |                  | ACROSS<br>CORNERS<br>"D" |       | PROTRUSION<br>LENGTH "F" | SHROUD | CABLE GLAND<br>WEIGHT<br>(Kgs) |
|------------------------------------------------|-----|-----|----------------------------------------------------------------------------|------|--------------------|--------|-------------------------------------|-----------------------------------|-------------------------------|-------------------------------|-------|----------------|-----|------|---------------------|---------------------|------------------|--------------------------|-------|--------------------------|--------|--------------------------------|
|                                                |     |     | STANDARD                                                                   |      |                    |        | OPTION                              |                                   |                               |                               |       |                |     |      |                     |                     |                  |                          |       |                          |        |                                |
|                                                |     |     | SIZE                                                                       | TYPE | ORDERING<br>SUFFIX | METRIC | THREAD<br>LENGTH<br>(METRIC)<br>"E" | NPT                               | THREAD<br>LENGTH<br>(NPT) "E" | NPT                           | MIN   | MAX            | MIN | MAX  | GROOVED<br>CONE (X) |                     | STEPPED CONE (W) |                          | MAX   |                          |        |                                |
|                                                |     |     |                                                                            |      |                    |        |                                     |                                   |                               |                               |       | MIN            | MAX | MIN  | MAX                 |                     |                  |                          |       |                          |        |                                |
| 20S16                                          | E2U | 1RA | M20                                                                        | 10.0 | ½"                 | 19.9   | ¾"                                  | 3.1                               | 7.8                           | 6.1                           | 13.1  | 0.3            | 1.0 | 0.8  | 1.25                | 24.0                | 26.4             | 72.5                     | PVC04 | 0.160                    |        |                                |
| 20S                                            | E2U | 1RA | M20                                                                        | 10.0 | ½"                 | 19.9   | ¾"                                  | 6.1                               | 11.0                          | 9.5                           | 15.9  | 0.3            | 1.0 | 0.8  | 1.25                | 24.0                | 26.4             | 70.0                     | PVC04 | 0.150                    |        |                                |
| 20                                             | E2U | 1RA | M20                                                                        | 10.0 | ½"                 | 19.9   | ¾"                                  | 6.5                               | 13.4                          | 12.5                          | 20.9  | 0.4            | 1.0 | 0.8  | 1.25                | 30.5                | 33.6             | 73.0                     | PVC06 | 0.210                    |        |                                |
| 25S                                            | E2U | 1RA | M25                                                                        | 10.0 | ¾"                 | 20.2   | 1"                                  | 11.1                              | 19.3                          | 14.0                          | 22.0  | 0.4            | 1.2 | 1.25 | 1.6                 | 37.5                | 41.3             | 89.0                     | PVC09 | 0.330                    |        |                                |
| 25                                             | E2U | 1RA | M25                                                                        | 10.0 | ¾"                 | 20.2   | 1"                                  | 11.1                              | 19.3                          | 18.2                          | 26.2  | 0.4            | 1.2 | 1.25 | 1.6                 | 37.5                | 41.3             | 89.0                     | PVC09 | 0.330                    |        |                                |
| 32                                             | E2U | 1RA | M32                                                                        | 10.0 | 1"                 | 25.0   | 1 ¼"                                | 17.0                              | 25.5                          | 23.7                          | 33.9  | 0.4            | 1.2 | 1.6  | 2.0                 | 46.0                | 50.6             | 86.0                     | PVC11 | 0.430                    |        |                                |
| 40                                             | E2U | 1RA | M40                                                                        | 15.0 | 1 ¼"               | 25.6   | 1 ½"                                | 22.0                              | 31.2                          | 27.9                          | 40.4  | 0.4            | 1.6 | 1.6  | 2.0                 | 55.0                | 60.5             | 90.0                     | PVC15 | 0.620                    |        |                                |
| 50S                                            | E2U | 1RA | M50                                                                        | 15.0 | 1 ½"               | 26.1   | 2"                                  | 29.5                              | 37.2                          | 35.2                          | 46.7  | 0.4            | 1.6 | 2.0  | 2.5                 | 60.0                | 66.0             | 91.0                     | PVC18 | 0.750                    |        |                                |
| 50                                             | E2U | 1RA | M50                                                                        | 15.0 | 2"                 | 26.9   | 2 ½"                                | 35.6                              | 42.6                          | 40.4                          | 53.0  | 0.6            | 1.6 | 2.0  | 2.5                 | 70.1                | 77.1             | 95.0                     | PVC21 | 0.960                    |        |                                |
| 63S                                            | E2U | 1RA | M63                                                                        | 15.0 | 2"                 | 26.9   | 2 ½"                                | 40.1                              | 48.5                          | 45.6                          | 59.4  | 0.6            | 1.6 | 2.0  | 2.5                 | 75.0                | 82.5             | 102.0                    | PVC23 | 1.350                    |        |                                |
| 63                                             | E2U | 1RA | M63                                                                        | 15.0 | 2 ½"               | 39.9   | 3"                                  | 47.2                              | 54.2                          | 54.6                          | 65.8  | 0.6            | 1.6 | 2.0  | 2.5                 | 80.0                | 88.0             | 104.0                    | PVC25 | 1.350                    |        |                                |
| 75S                                            | E2U | 1RA | M75                                                                        | 15.0 | 2 ½"               | 39.9   | 3"                                  | 52.8                              | 60.2                          | 59.0                          | 72.0  | 0.6            | 1.6 | 2.0  | 2.5                 | 90.0                | 99.0             | 115.0                    | PVC28 | 2.120                    |        |                                |
| 75                                             | E2U | 1RA | M75                                                                        | 15.0 | 3"                 | 41.5   | 3 ½"                                | 59.1                              | 65.2                          | 66.7                          | 78.4  | 0.6            | 1.6 | 2.5  | 3.0                 | 100.0               | 110.0            | 117.0                    | PVC30 | 2.430                    |        |                                |
| 90                                             | E2U | 1RA | M90                                                                        | 24.0 | 3 ½"               | 42.8   | 4"                                  | 66.6                              | 77.1                          | 76.2                          | 90.3  | 0.8            | 1.6 | 3.15 | 4.0                 | 114.3               | 125.4            | 147.0                    | PVC32 | 4.230                    |        |                                |
| 100                                            | E2U | 1RA | M100                                                                       | 24.0 | 4"                 | 44.0   | 5"                                  | 76.0                              | 88.1                          | 86.1                          | 101.4 | 0.8            | 1.6 | 3.15 | 4.0                 | 123.0               | 135.3            | 140.0                    | LSF33 | 4.470                    |        |                                |
| 115                                            | E2U | 1RA | M115                                                                       | 24.0 | 4"                 | 44.0   | 5"                                  | 86.0                              | 94.1                          | 101.5                         | 110.2 | 0.8            | 1.6 | 3.15 | 4.0                 | 133.4               | 146.7            | 162.0                    | LSF34 | 6.210                    |        |                                |
| 130                                            | E2U | 1RA | M130                                                                       | 24.0 | 5"                 | 46.8   | 6"                                  | 97.0                              | 110.1                         | 110.2                         | 123.2 | 0.8            | 1.6 | 3.15 | 4.0                 | 152.4               | 167.6            | 174.0                    | LSF35 | 8.360                    |        |                                |

\* Note : For material options please add the following suffix to change the Ordering Reference ; Brass (no suffix required), Nickel Plated Brass "S", Copper Free Aluminium "1"  
For NPT options add the following digits to the material suffix; ½" = 31; ¾" = 32; 1" = 33; 1 ¼" = 34; 1 ½" = 35; 2" = 36; 2 ½" = 37; 3" = 38; 3 ½" = 39; 4" = 310 (Brass requires prefix '0')

Examples: 32E2U1RA534 = Nickel Plated Brass 1 ¼" NPT, 50SE2U1RA035 = Brass 1 ½" NPT, 20E2U1RA5 = Nickel Plated Brass M20

Dimensions are displayed in millimetres unless otherwise stated