



KC 2400 SERIES EMC CIRCULAR BACKSHELLS

- *Light weight and compact backshell suitable for all standard circular connectors*
- *High levels of EMC and Environmental performance*
- *Overall screening by braid trap system*
- *No special tools are required and the system is easily reworked*
- *Teeth on backshell body mesh with connector teeth for positive lock.*
- *Blind teeth for increased EMC screening capability*
- *Metal compression ring for enhanced environmental sealing with the connector*
- *Additional environmental sealing of cable system by heat shrink boot*
- *Overall environmental seal is equal to or higher than the IP rating of the connector*

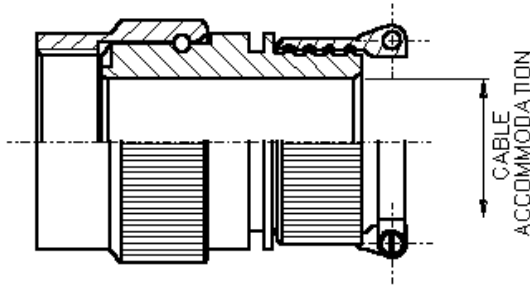
The **KC 2400** series is part of the **KC 2000** range of high performance, EMC backshells for standard circular connectors that consist of eight individual but interrelated products.

Suitable for both highly sophisticated and simpler solutions, the KC 2000 range is available at prices that are viable for small batch to high volume production runs. The range is ideal for all defence and aerospace as well as commercial and industrial applications.

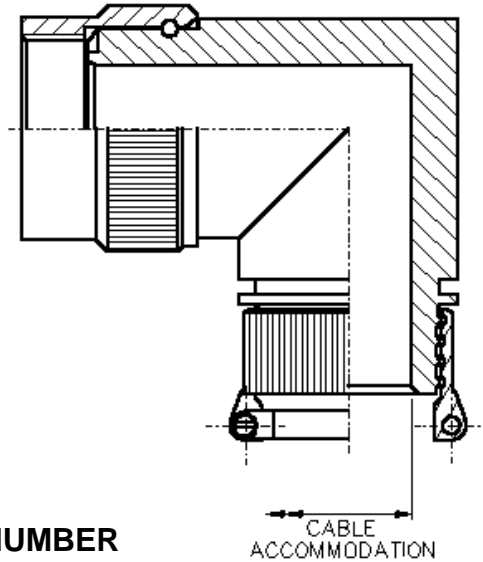
KEC Limited is an EMC interconnect specialist that manufactures a wide selection of backshells, bulkhead/panel glands, conduit and conduit fittings.

KEC products are designed to suit all levels of screening requirements for EMI/RFI, EMP, TEMPEST and environmental protection and are designed to help manufacturers comply with UK and EC screening directives.

STRAIGHT BACKSHELL



90° BACKSHELL (45° ALSO AVAILABLE)



TYPICAL PART NUMBER

KC2401 - 28 - 24W1-24C-XXX

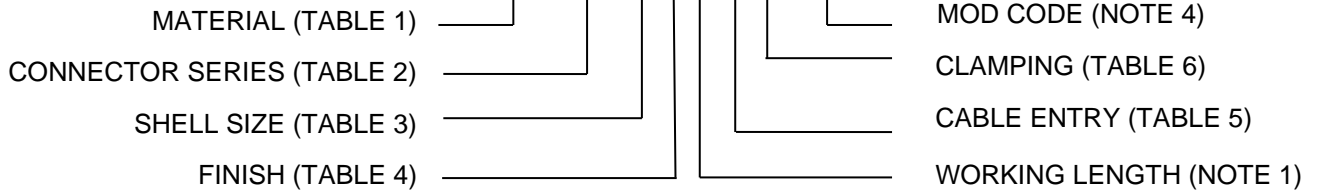


TABLE 1

| MATERIAL CODE | |
|---------------|-----------------|
| 01 | ALUMINIUM |
| 02 | STAINLESS STEEL |
| 03 | ALI BRONZE |

TABLE 2

| SERIES CODE | CONNECTOR TYPE (TYPICAL) | SHELL SIZE |
|-------------|---|------------|
| 22/42/82 | MIL-C-26482 SERIES 1 PAT 105, 608 & 603 | 08 - 24 |
| 26/46/86 | MIL-C-38999 SERIES 1 & 2 PAT 614 & 616 PAN 6433-1 | 08 - 24 |
| 28/48/88 | MIL-C-83723 SERIES 1 & 3 MIL-C-26482 SERIES 2 PAT 602 & PAN 6432-1 & -4 | 08 - 24 |
| 32/52/92 | MIL-C-38999 SERIES 3 & 4 METRIC THREAD (EN3645) | 09 - 25 |
| 38/58/98 | PAN 6433-2 LN29729 | 08 - 24 |

TABLE 3

| SHELL SIZE |
|------------|
| 08/09 |
| 10/11 |
| 12/13 |
| 14/15 |
| 16/17 |
| 18/19 |
| 20/21 |
| 22/23 |
| 24/25 |

TABLE 5

| ENTRY CODE | MAX CABLE ACCOMMODATION |
|------------|-------------------------|
| 08/09 | 6.5 |
| 10/11 | 9.3 |
| 12/13 | 12.7 |
| 14/15 | 14.4 |
| 16/17 | 17.8 |
| 18/19 | 19.6 |
| 20/21 | 24.1 |
| 22/23 | 27.0 |
| 24/25 | 29.2 |

TABLE 4

| CODE | DESCRIPTION |
|------|--------------------------|
| G | BLACK ZINC NICKEL |
| J | ELECTROLESS NICKEL |
| W | CADMIUM + OLIVE DRAB |
| Z | ZINC COBALT + OLIVE DRAB |

TABLE 6

| CODE | DESCRIPTION |
|------|-------------|
| C | CLAMP BARS |
| T | TIE POST |
| N | PLAIN NUT |

NOTES:

1. WORKING LENGTH IN 0.5" INCREMENTS. FOR EXAMPLE WORKING LENGTH 4 = 2". KC2400 MINIMUM WORKING LENGTH IS 1. (STRAIGHT BACKSHELLS ONLY - OMIT ON ANGLED VERSIONS)
2. USE 22/26/28/32/38 FOR STRAIGHT BACKSHELLS, 42/46/48/52/58 FOR 45° BACKSHELLS & 82/86/88/92/98 FOR 90° BACKSHELLS.
3. THE ABOVE INFORMATION IS TYPICAL AND MANY OTHER OPTIONS & VARIATIONS ARE AVAILABLE, PLEASE CONSULT FACTORY.
4. CONSULT FACTORY IF REQUIRED.