

## Defence Standard Cables

### Cable Application

Popular applications include avionic control systems, computers, data processing and military vehicles, and signalling. Defence standard cable, although originally for defence/military use, is now widely used in industry as it is compact, has a range of sizes for most applications and a high working voltage.

As well as PVC, CSE can also supply an LSHF version. The most common defence standard cable are:

- 7-2-\*A**    **Unscreened black PVC (24AWG)** • 7/0.20 mm • PVC insulation • PVC sheath, black • 440V sub-miniature • To defence standard 61-12 Pt 4 • Operating temperature: 70°C  
**Available in the following core configurations:** 2, 3, 4, 6, 8, 10, 12, 15, 18, 25, 36.  
 Also available with LSHF sheath.
- 7-2-\*C**    **Braid screened black PVC (24AWG)** • 7/0.2mm • PVC insulated • TCWB screen • PVC sheathed • 440V sub-miniature • To defence standard 61-12 Pt 4.  
**Available in the following core configurations:** 2, 3, 4, 6, 8, 10, 12, 15, 18, 25, 36.  
 Also available with LSHF sheath.
- 7-2-\*S**    **Foil screened black PVC (24AWG)** • 7/0.2mm TCW • PVC insulated • Alu foil screen • PVC sheathed • 440V sub-miniature.  
**Available in the following core configurations:** 2, 3, 4, 6, 8, 10, 12, 15, 18, 25 and 36.
- 16-2-\*A**    **Unscreened black PVC (22AWG)** • 16/0.2mm • PVC insulated • PVC sheathed • 440V cores • To defence standard 61-12 Pt 5.  
**Available in the following core configurations:** 2, 3, 4, 6, 12, 18 and 25. Also available with LSHF outer sheath.
- 16-2-\*C**    **Braid screened black PVC (22AWG)** • 16/0.2mm • PVC insulated • TCWB screen • PVC sheathed • 440V cores • To defence standard 61-12 Pt 5.  
**Available in the following core configurations:** 2, 3, 4, 6, 10, 12, 15, 25, 36. Also available with LSHF sheath.



Defence Standard Cable

## Colour Chart for Def 61-12 Cables

| Core | Base colour | Stripe | Core | Base colour | Stripe |
|------|-------------|--------|------|-------------|--------|
| 1    | Red         |        | 19   | Yellow      | Blue   |
| 2    | Blue        |        | 20   | White       | Blue   |
| 3    | Green       |        | 21   | Blue        | Black  |
| 4    | Yellow      |        | 22   | Orange      | Blue   |
| 5    | White       |        | 23   | Green       | Blue   |
| 6    | Black       |        | 24   | Grey        | Blue   |
| 7    | Brown       |        | 25   | Yellow      | Green  |
| 8    | Violet      |        | 26   | White       | Green  |
| 9    | Orange      |        | 27   | Green       | Black  |
| 10   | Pink        |        | 28   | Orange      | Green  |
| 11   | Turquoise   |        | 29   | Grey        | Green  |
| 12   | Grey        |        | 30   | Yellow      | Brown  |
| 13   | Red         | Blue   | 31   | White       | Brown  |
| 14   | Green       | Red    | 32   | Brown       | Black  |
| 15   | Yellow      | Red    | 33   | Grey        | Brown  |
| 16   | White       | Red    | 34   | Yellow      | Violet |
| 17   | Red         | Black  | 35   | Violet      | Black  |
| 18   | Red         | Brown  | 36   | White       | Violet |