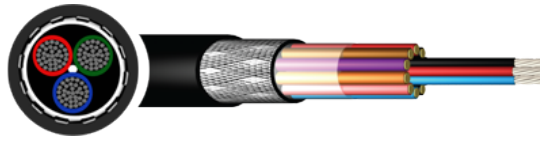


## Defence Standard Control Cable - DEF 61-12 PVC - 0.22mm to 0.5mm



### Description

Defence Standard cables were initially manufactured for military use to Defence Standard 61/12 Part 4 and 5. However, they are now more commonly used for industrial applications such as aircraft, computers and data processors. The cable can withstand contamination of fuel and mineral based fluids.

10 core laid up in a pair configuration. Please refer to associated colour code chart PDF download.

### Key Features



**Voltage Rating**  
440 Volts



**Minimum Bending Radius**  
10 x Overall Diameter



**Temperature Limits**  
Temperature Range: -20°C to +70°C

### Standards

- Generally to Ministry of Defence Standard DEF 61-12 PVC  
Part 4 for 7/0.2 conductors  
Part 5 for 16/0.2 conductors
- VDE 0295

### Construction

- **Conductor:** Class 5 tinned copper
- **Insulation:** Polyvinyl Chloride (PVC)
- **Binding:** Non-hygroscopic binder tape
- **Armour:** Tinned copper wire braid (TCWB)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Black

### QA Lab

#### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



### Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

### ecovadis

Defence Standard Control Cable - DEF 61-12 PVC - 0.22mm to 0.5mm - Dimensions

| Reference | Conductor Size (mm2) | No Of Cores | Stranding(mm) | Overall Diameter(mm) | Weight(Kg/Km) | Gland Size |
|-----------|----------------------|-------------|---------------|----------------------|---------------|------------|
| 722C      | 0.22                 | 2           | 7/0.20        | 4.1                  | 23            | 16         |
| 723C      | 0.22                 | 3           | 7/0.20        | 4.3                  | 27            | 16         |
| 724C      | 0.22                 | 4           | 7/0.20        | 4.6                  | 32            | 16         |
| 726C      | 0.22                 | 6           | 7/0.20        | 5.9                  | 55            | 16         |
| 728C      | 0.22                 | 8           | 7/0.20        | 6                    | 69            | 16         |
| 7212C     | 0.22                 | 12          | 7/0.20        | 7.2                  | 83            | 16         |
| 7218C     | 0.22                 | 18          | 7/0.20        | 8.5                  | 110           | 20         |
| 7225C     | 0.22                 | 25          | 7/0.20        | 9.8                  | 150           | 20         |
| 7236C     | 0.22                 | 36          | 7/0.20        | 11.2                 | 200           | 20         |
| 7250C     | 0.22                 | 50          | 7/0.20        | 13                   | 270           | 25         |
| 7260C     | 0.22                 | 60          | 7/0.20        | 13.8                 | 310           | 25         |
| 1622C     | 0.5                  | 2           | 16/0.20       | 6.9                  | 69            | 16         |
| 1623C     | 0.5                  | 3           | 16/0.20       | 7.2                  | 79            | 16         |
| 1624C     | 0.5                  | 4           | 16/0.20       | 7.7                  | 92            | 16         |
| 1626C     | 0.5                  | 6           | 16/0.20       | 8.7                  | 120           | 20         |
| 1628C     | 0.5                  | 8           | 16/0.20       | 8.9                  | 146           | 20         |
| 16210C    | 0.5                  | 10          | 16/0.20       | 11.8                 | 190           | 20         |
| 16212C    | 0.5                  | 12          | 16/0.20       | 11                   | 198           | 20         |
| 16218C    | 0.5                  | 18          | 16/0.20       | 12.5                 | 250           | 20         |
| 16225C    | 0.5                  | 25          | 16/0.20       | 14.6                 | 320           | 25         |
| 16236C    | 0.5                  | 36          | 16/0.20       | 16.7                 | 450           | 25         |
| 16250C    | 0.5                  | 50          | 16/0.20       | 18.5                 | 564           | 32         |
| 16260C    | 0.5                  | 60          | 16/0.20       | 20.3                 | 670           | 32         |

DEFENCE STANDARD 61-12 - CORE COLOURS

| CORE NUMBER | CORE COLOUR | CORE NUMBER | CORE COLOUR | CORE NUMBER | CORE COLOUR   |
|-------------|-------------|-------------|-------------|-------------|---------------|
| 1           | RED         | 13          | RED/BLUE    | 25          | YELLOW/GREEN  |
| 2           | BLUE        | 14          | GREEN/RED   | 26          | WHITE/GREEN   |
| 3           | GREEN       | 15          | YELLOW/RED  | 27          | GREEN/BLACK   |
| 4           | YELLOW      | 16          | WHITE/RED   | 28          | ORANGE/GREEN  |
| 5           | WHITE       | 17          | RED/BLACK   | 29          | GREY/GREEN    |
| 6           | BLACK       | 18          | YELLOW/BLUE | 30          | YELLOW/BROWN  |
| 7           | BROWN       | 19          | RED / BROWN | 31          | WHITE/BROWN   |
| 8           | VIOLET      | 20          | WHITE/BLUE  | 32          | BROWN/BLACK   |
| 9           | ORANGE      | 21          | BLUE/BLACK  | 33          | GREY/BROWN    |
| 10          | PINK        | 22          | ORANGE/BLUE | 34          | YELLOW/VIOLET |
| 11          | TURQUOISE   | 23          | GREEN/BLUE  | 35          | VIOLET/BLACK  |
| 12          | GREY        | 24          | GREY/BLUE   | 36          | WHITE/VIOLET  |

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.