

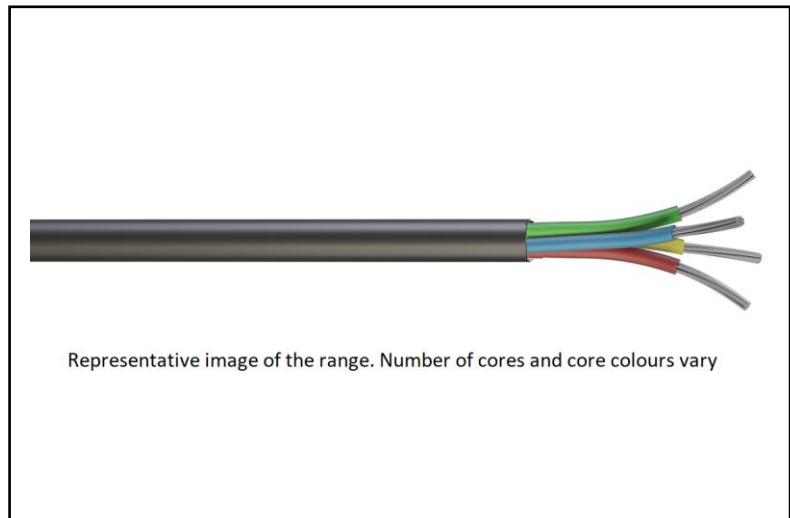
# Family Name

## Features

- Defence Standard 61-12 (Part 4)
- Unscreened industrial cable
- Flame resistant to BSEN60332-1

## RS PRO Family Name

RS Stock No.: 236-9246



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

# Family Name

## Product Description

Designed for use in high density wiring applications and the interconnection of components, instruments and electronic equipment

Extensively used in aircraft, computers, data processors, telemetry applications, data transmission, military vehicles and equipment

The cable offers good insulation due to the PVC insulation material and installation is easy and efficient thanks to the flexible layout of the cable

## General Specifications

|                             |   |
|-----------------------------|---|
| <b>Conductor</b>            | Annealed Flexible Tinned Copper. 7/0.2mm. 24 AWG. |
| <b>Insulation Material</b>  | PVC   |
| <b>Insulation Colour</b>    | *See below table                                  |
| <b>Sheath Material</b>      | PVC   |
| <b>Sheath Colour</b>        | Black   |
| <b>Approximate Diameter</b> | 6.1mm   |
| <b>Number of conductors</b> | 12  |
| <b>Screening</b>            | Unscreened  |
| <b>Reel length</b>          | 25 metres   |

### \*Colour of cores table

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

## Mechanical Specifications

|                            |       |
|----------------------------|-------|
| <b>Minimum temperature</b> | -15°C |
| <b>Maximum temperature</b> | +70°C |

## Electrical Specifications

|                              |  |
|------------------------------|--|
| <b>Conductor resistance</b>  | 92 ohm/km at 20°C  |
| <b>Insulation resistance</b> | 200 M.Ohms/km minimum  |
| <b>Voltage rating</b>        | 440V   |
| <b>Current rating</b>        | 1.0 amperes per core (guidance only – dependant on installation) |

# Family Name

## Approvals

|                      |                                 |
|----------------------|---------------------------------|
| <b>Declarations</b>  | MFR Declaration of Conformity   |
| <b>Standards Met</b> | Defence Standard 61-12 (Part 4) |

## Similar Products

| Stock No. | Brand  | Conductor | Number of cores | Reel length | Screened/Unscreened |
|-----------|--------|-----------|-----------------|-------------|---------------------|
| 2369254   | RS PRO | 7/0.2mm   | 2               | 100         | Unscreened          |
| 2369255   | RS PRO | 7/0.2mm   | 2               | 25          | Unscreened          |
| 2369259   | RS PRO | 7/0.2mm   | 3               | 100         | Unscreened          |
| 2369260   | RS PRO | 7/0.2mm   | 4               | 100         | Unscreened          |
| 2369261   | RS PRO | 7/0.2mm   | 4               | 25          | Unscreened          |
| 2369265   | RS PRO | 7/0.2mm   | 6               | 100         | Unscreened          |
| 2369267   | RS PRO | 7/0.2mm   | 6               | 25          | Unscreened          |
| 2369270   | RS PRO | 7/0.2mm   | 8               | 100         | Unscreened          |
| 2369271   | RS PRO | 7/0.2mm   | 8               | 25          | Unscreened          |
| 2369245   | RS PRO | 7/0.2mm   | 12              | 100         | Unscreened          |
| 2369246   | RS PRO | 7/0.2mm   | 12              | 25          | Unscreened          |
| 2369249   | RS PRO | 7/0.2mm   | 20              | 100         | Unscreened          |
| 2369251   | RS PRO | 7/0.2mm   | 20              | 25          | Unscreened          |
| 2369256   | RS PRO | 7/0.2mm   | 36              | 25          | Unscreened          |
|           |        |           |                 |             |                     |
| 2369229   | RS PRO | 16/0.2mm  | 2               | 100         | Unscreened          |
| 2369230   | RS PRO | 16/0.2mm  | 2               | 25          | Unscreened          |
| 2369231   | RS PRO | 16/0.2mm  | 3               | 100         | Unscreened          |
| 2369232   | RS PRO | 16/0.2mm  | 3               | 25          | Unscreened          |
| 2369233   | RS PRO | 16/0.2mm  | 4               | 100         | Unscreened          |
| 2369234   | RS PRO | 16/0.2mm  | 4               | 25          | Unscreened          |
| 2369239   | RS PRO | 16/0.2mm  | 6               | 100         | Unscreened          |
| 2369240   | RS PRO | 16/0.2mm  | 6               | 25          | Unscreened          |
| 2369219   | RS PRO | 16/0.2mm  | 12              | 100         | Unscreened          |
| 2369220   | RS PRO | 16/0.2mm  | 12              | 25          | Unscreened          |
| 2369225   | RS PRO | 16/0.2mm  | 18              | 100         | Unscreened          |
| 2369226   | RS PRO | 16/0.2mm  | 18              | 25          | Unscreened          |
|           |        |           |                 |             |                     |
| 2369262   | RS PRO | 7/0.2mm   | 4               | 100         | Screened            |
| 2369263   | RS PRO | 7/0.2mm   | 4               | 25          | Screened            |
| 2369264   | RS PRO | 7/0.2mm   | 4               | 500         | Screened            |
| 2369268   | RS PRO | 7/0.2mm   | 6               | 100         | Screened            |
| 2369269   | RS PRO | 7/0.2mm   | 6               | 25          | Screened            |
| 2369273   | RS PRO | 7/0.2mm   | 8               | 100         | Screened            |
| 2369274   | RS PRO | 7/0.2mm   | 8               | 25          | Screened            |
| 2369247   | RS PRO | 7/0.2mm   | 12              | 100         | Screened            |
| 2369248   | RS PRO | 7/0.2mm   | 12              | 25          | Screened            |

## Family Name

|         |        |         |    |     |          |
|---------|--------|---------|----|-----|----------|
| 2369252 | RS PRO | 7/0.2mm | 20 | 100 | Screened |
|---------|--------|---------|----|-----|----------|

### Similar Products

| Stock No. | Brand  | Conductor | Number of cores | Reel length | Screened/Unscreened |
|-----------|--------|-----------|-----------------|-------------|---------------------|
| 2369253   | RS PRO | 7/0.2mm   | 20              | 25          | Screened            |
| 2369257   | RS PRO | 7/0.2mm   | 36              | 100         | Screened            |
| 2369258   | RS PRO | 7/0.2mm   | 36              | 25          | Screened            |
|           |        |           |                 |             |                     |
| 2369235   | RS PRO | 16/0.2mm  | 4               | 100         | Screened            |
| 2369236   | RS PRO | 16/0.2mm  | 4               | 25          | Screened            |
| 2369237   | RS PRO | 16/0.2mm  | 4               | 500         | Screened            |
| 2369241   | RS PRO | 16/0.2mm  | 6               | 100         | Screened            |
| 2369242   | RS PRO | 16/0.2mm  | 6               | 25          | Screened            |
| 2369243   | RS PRO | 16/0.2mm  | 6               | 500         | Screened            |
| 2369221   | RS PRO | 16/0.2mm  | 12              | 25          | Screened            |
| 2369223   | RS PRO | 16/0.2mm  | 12              | 50          | Screened            |
| 2369224   | RS PRO | 16/0.2mm  | 12              | 500         | Screened            |
| 2369227   | RS PRO | 16/0.2mm  | 18              | 25          | Screened            |
| 2369228   | RS PRO | 16/0.2mm  | 18              | 50          | Screened            |