

# Excel Screened Multicore Cable 2 Core 16x0.2 Per Metre

Item Code: 16202C

**excel**  
without compromise.



✕ Available in 3-36 core options

✕ Screened

✕ Choice of conductor size

✕ Cut to length service

✕ 25 Year system warranty

✕ Euroclass Eca

## Product Overview

Excel multicore 16/0.2 screened cables are manufactured in accordance with the Defence Standard 61-12, part 5 specifications. They should not be used for direct connection of equipment to mains power supplies, but are ideal for the interconnection of electronic equipment and instruments.

The print legend on the cable now includes information regarding the DOP number, Test and Classification of the cable for traceability.

## Product Specifications

| Feature               | Values                   |
|-----------------------|--------------------------|
| Conductor surface     | Tinned                   |
| Diameter of conductor | 0.2 mm                   |
| AWG size              | 22                       |
| Conductor category    | Class 2 = stranded       |
| Total number of cores | 2                        |
| Stranding element     | Cores                    |
| Core insulation       | Polyvinyl chloride (PVC) |
| Core identification   | Rings                    |
| Overall screening     | Braiding                 |
| Outer sheath material | Polyvinyl chloride (PVC) |

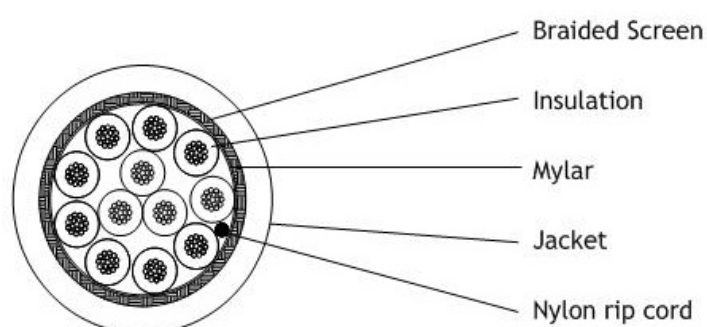
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|  |           |
|--|-----------|
| Outer sheath colour                        | Black     |
| Flame retardant according to IEC 60332-1-2 | yes       |
| Outer diameter approx.                     | 6.3 mm    |
| Operating Temperature Range                | 0...80 °C |
| Category                                   | Multicore |

## Cross-section diagram



## Additional specifications

| Features   | Values  |
|--|---|
| Conductors   | TC 0.19 ( $\pm 0.008$ ) mm x16 Stranded tinned copper |
| Insulation thickness                                       | 1.85 ( $\pm 0.13$ ) mm                                |
| Rip-cord   | Nylon   |
| Shielding  | Tinned copper wire braid                              |
| Max conductor DC resistance at 20°C                        | < 4.18 $\Omega$ /100m                                 |
| Min insulation DC resistance at 20°C ( $M\Omega \cdot M$ ) | > 200   |
| Test Voltage   | 300 V   |

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## Standards

| Applicable standard                       | Detail  |
|---|---|
| Defence Standard 61-12 Part 5             |   |
| RoHS-II/III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023                                 | Compliant to Waste Framework Directive  |
| SCIP: 2023                                | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)   |
| POPs (EU) No 2019/1021                    | EU Regulation for the restriction of Persistent Organic Pollutants.   |

## Part Number Table

| Part Number | Description  |
|-------------|--|
| 16202C      | Excel Screened Multicore Cable 2 Core 16x0.2 Per Metre     |
| 16203C      | Excel Screened Multicore Cable, 3 Core, 16x0.2 - per metre |
| 16204C      | Excel Screened Multicore Cable 4 Core 16x0.2 Per Metre     |
| 16206C      | Excel Screened Multicore Cable 6 Core 16x0.2 Per Metre     |
| 16208C      | Excel Screened Multicore Cable 8 Core 16x0.2 Per Metre     |
| 16212C      | Excel Screened Multicore Cable 12 Core 16x0.2 Per Metre    |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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