



Main Features

- / Available in 3-36 core options
- / Choice of conductor size
- / 25 Year system warranty
- / Screened
- / Cut to length service
- / 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

Excel Screened Multicore Cable 8 Core 16x0.2 Per Metre

Part Code: 16208C

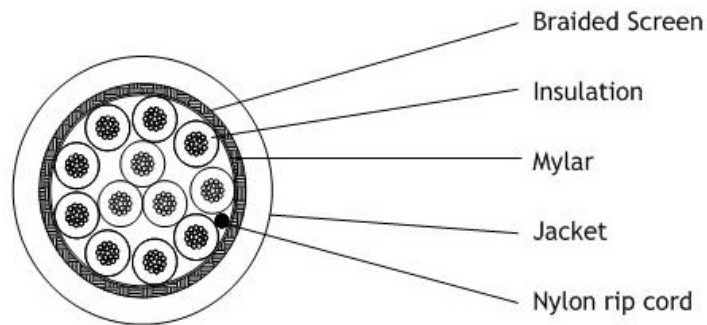
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Feature	Values
Conductor surface	Tinned
Diameter of conductor	0.2 mm
AWG size	22
Conductor category	Class 2 = stranded
Total number of cores	8
Stranding element	Cores
Core insulation	Polyvinyl chloride (PVC)
Core identification	Rings
Overall screening	Braiding
Outer sheath material	Polyvinyl chloride (PVC)
Outer sheath colour	Black
Flame retardant according to IEC 60332-1-2	yes
Outer diameter approx.	9.5 mm
Operating Temperature Range	0...80 °C
Category	Multicore

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Cross-section diagram



Additional specifications

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

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Standards

Applicable standard	Detail
Defence Standard 61-12 Part 5	
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Code Table

Part Code	Description
16202C	Excel Screened Multicore Cable 2 Core 16x0.2 Per Metre
16203C	Excel Screened Multicore Cable, 3 Core, 16x0.2 - per metre

Excel Screened Multicore Cable 8 Core 16x0.2 Per Metre



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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