



**Part Number :** 1553212009

**Product Description :** Flamar Power Cable, WSOR Jacket, Braided Shielding Overall, 8 Circuits, 4x(4.00mm<sup>2</sup>) with Green-Yellow Ground + 2x(2x1.50mm<sup>2</sup> with Braided Shield) / 4x(12 AWG) with Green-Yellow Ground + 2x(2x16 AWG with Braided Shield), 15.80mm (.228") Diameter, 500.0m (1640.42') Length, Orange

**Series Number :** 307965

**Status :** Active

**Product Category :** Industrial Cable

**Engineering Number :** 1X500M



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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                  |
| China RoHS         | Not Relevant                                  |
| EU ELV             | Not Reviewed per 2000/53/EC                   |
| Low-Halogen Status | Not Relevant                                  |
| REACH SVHC         | Not Reviewed per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS            | Not Reviewed per EU 2015/863                  |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

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## Part Details

## General

|                 |  |
|-----------------|--|
| Status          | Active   |
| Category        | Industrial Cable   |
| Series          | 307965   |
| Description     | Flamar Power Cable, WSOR Jacket, Braided Shielding Overall, 8 Circuits, 4x(4.00mm <sup>2</sup> ) with Green-Yellow Ground + 2x(2x1.50mm <sup>2</sup> with Braided Shield) / 4x(12 AWG) with Green-Yellow Ground + 2x(2x16 AWG with Braided Shield), 15.80mm (.228") Diameter, 500.0m (1640.42') Length, Orange |
| Geographic Area | Global   |
| Product Name    | Flamar,Servo Motor   |
| UPC             | 889056460958   |

## Agency

|    |         |
|----|---------|
| UL | E172949 |
|----|---------|

## Electrical

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | Contact Molex |
| Voltage - Maximum             | 1000V         |

## Physical

|                               |                    |
|-------------------------------|--------------------|
| Bending Radius - Minimum      | > 10xOD            |
| Cable Length                  | 500.0m             |
| Circuits (Loaded)             | 8 (4+2+2)          |
| Color - Cable Jacket          | Orange             |
| Insulation                    | TPE                |
| Material - Outer Jacket       | WSOR               |
| Net Weight                    | 0.430/kg           |
| Outer Jacket Diameter         | 15.80mm            |
| Packaging Type                | Wooden Drum        |
| Temperature Range - Operating | -25° to +80°C      |
| Wire/Cable Type               | UL AWM 21939 / CSA |
| Wire Size (AWG)               | 12, 16             |
| Wire Size mm <sup>2</sup>     | 1.50, 4.00         |

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**Use with Part(s)**

| Description                | Part Number   |
|----------------------------|---------------|
| Brad M23 Signal Connectors | <u>120230</u> |
| Brad M23 Signal Connectors | <u>120233</u> |

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