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**Part Number:** [1201090003](#)  
**Status:** **Active**  
**Overview:** Brad Industrial Ethernet Solutions  
**Description:** Ultra-Lock (M12) to RJ-45 Industrial Ethernet Double-Ended Cordset, Female (Straight) to RJ-45 Male (Straight), 24 AWG, PVC Cable, 2.0m (6.56') Length

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                      |  |
|----------------------|--|
| Product Family       | Industrial Cordsets                                |
| Series               | <a href="#">120109</a>                             |
| Connector End A      | Ultra-Lock (M12)                                   |
| Connector End B      | RJ-45 (industrial)                                 |
| IP Rating            | IP67   |
| Material - Contact   | Copper Alloy                                       |
| Overview             | <a href="#">Brad Industrial Ethernet Solutions</a> |
| Performance Category | 5e   |
| Product Name         | Industrial Ethernet, Ultra-Lock (M12)              |
| Protocol             | N/A  |
| Region               | America, Asia, Europe                              |
| Type                 | Double Ended                                       |
| UPC                  | 78172505059  |

**Physical**

|                               |                      |
|-------------------------------|----------------------|
| Cable Diameter                | N/A                  |
| Cable Length                  | 2.0m (6.56')         |
| Color - Cable Jacket          | Teal                 |
| Coupling Style                | Threaded             |
| Gender                        | Female-Male          |
| Keyway                        | D-coded              |
| LED Indicator                 | No                   |
| Material - Cable Jacket       | PVC                  |
| Material - Connector Body     | PVC                  |
| Material - Coupling Nut       | Nickel-plated Brass  |
| Material - Plating Mating     | Gold                 |
| Net Weight                    | 120.655/g            |
| Orientation                   | Straight to Straight |
| Poles                         | 4                    |
| Temperature Range - Operating | -25° to +75°C        |
| Wire Size AWG                 | 24                   |
| Wire/Cable Type               | E152210              |

**Electrical**

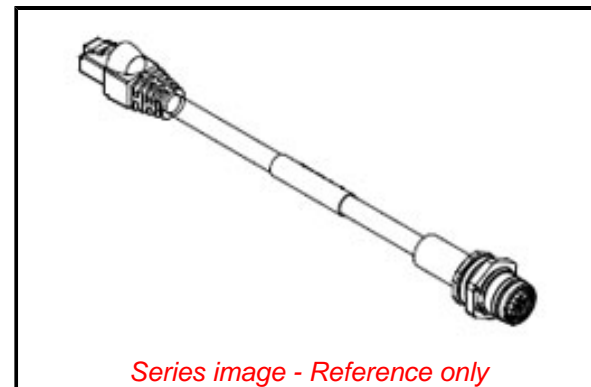
|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 1.5A    |
| Voltage - Maximum             | 150V AC |

**Material Info**

|                    |                |
|--------------------|----------------|
| Engineering Number | ERWPAU7003M020 |
|--------------------|----------------|

**Reference - Drawing Numbers**

|               |                   |
|---------------|-------------------|
| Sales Drawing | SD-120109-013-001 |
|---------------|-------------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 6(c)**

**REACH SVHC**

Contained Per - ED/108/2014 (17 Dec 2014)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

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