

## M40 Power Cable

Specification: 6FX8002-5CA58-1AF0

Art.No.: 7000-PS100-8950500

Weight: 3.346 kg

Country of origin: DE

Model designation: M6FX8002-5DA48-1AF0

Female straight – male straight

M40

6-pole, shielded

without cable sleeves

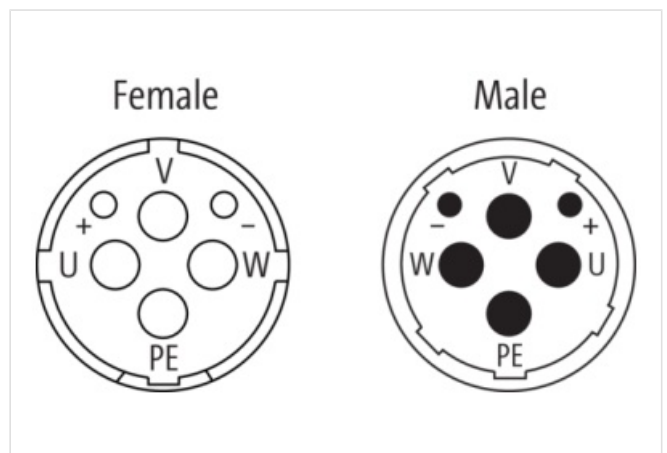
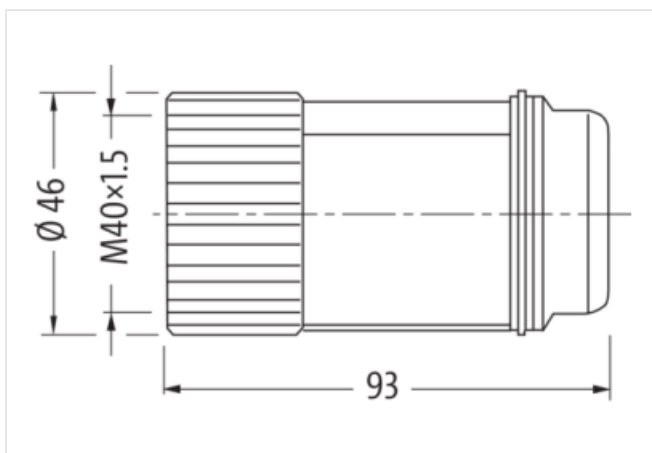
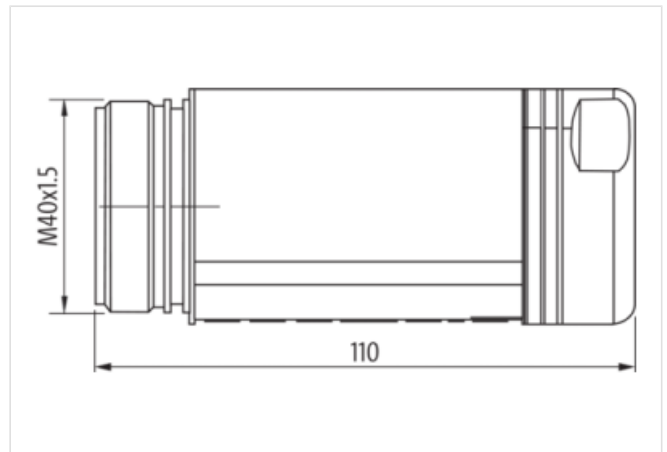
Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

### [Link to Product](#)

#### Illustration





Product may differ from Image

| Header                    |                                                    |
|---------------------------|----------------------------------------------------|
| Material short text       | M6FX8002-5DA48-1AF0                                |
| Cable length              | 5,00 m                                             |
| Side 1                    |                                                    |
| Family construction form  | M40                                                |
| Threaded hole             | M40 x 1.5                                          |
| Commercial data           |                                                    |
| URL Webshop               | https://shop.murrelektronik.com/7000-PS100-8950500 |
| GTIN                      | 4048879780537                                      |
| ECLASS-6.0                | 27279218                                           |
| ECLASS-6.1                | 27279218                                           |
| ECLASS-7.0                | 27279218                                           |
| ECLASS-7.1                | 27279218                                           |
| ECLASS-8.0                | 27279218                                           |
| ECLASS-8.1                | 27279218                                           |
| ECLASS-9.0                | 27060327                                           |
| ECLASS-9.1                | 27060311                                           |
| ECLASS-10.0.1             | 27060311                                           |
| ECLASS-10.1               | 27060311                                           |
| ECLASS-11.0               | 27060311                                           |
| ECLASS-11.1               | 27060311                                           |
| ECLASS-12.0               | 27060327                                           |
| ECLASS-13.0               | 27060311                                           |
| ECLASS-14.0               | 27060311                                           |
| ETIM-5.0                  | EC001855                                           |
| ETIM-6.0                  | EC001855                                           |
| ETIM-7.0                  | EC001855                                           |
| ETIM-8.0                  | EC001855                                           |
| customs tariff number     | 85444290                                           |
| EAN                       | 4048879780537                                      |
| Packaging unit            | 1                                                  |
| customs tariff number     | 85444290                                           |
| EAN                       | 4048879780537                                      |
| Packaging unit            | 1                                                  |
| Electrical data   Supply  |                                                    |
| Operating voltage AC max. | 630 V                                              |
| Operating voltage DC max. | 630 V                                              |

**Device protection | Electrical**

|                                        |                   |
|----------------------------------------|-------------------|
| Degree of protection (EN IEC 60529)    | IP67, IP65        |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree                       | 3                 |
| Rated surge voltage                    | 6 kV              |
| Material group (IEC 60664-1)           | I                 |

**Mechanical data | Material data**

|                  |               |
|------------------|---------------|
| Locking material | Brass         |
| Coating locking  | nickel plated |

**Environmental characteristics | Climatic**

|                                        |                            |
|----------------------------------------|----------------------------|
| Operating temperature min.             | -20 °C                     |
| Operating temperature max.             | 85 °C                      |
| Additional condition temperature range | depending on cable quality |

**Important installation notes**

|                        |                                                                                                                                                       |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note on bending radius | <b>Attention:</b> Observe the permissible bending radii when laying cables, as the IP protection class can be endangered by excessive bending forces. |
| Note on strain relief  | Protect the connectors by suitable measures from mechanical loads, e.g. by the usage of cable ties.                                                   |

**Mechanical data | Cable**

|                                   |                            |
|-----------------------------------|----------------------------|
| Cable identification              | 895                        |
| Cable shielding (type)            | copper braiding, bare      |
| Cable weight                      | 445 g/m                    |
| Amount wires                      | 6                          |
| Material conductor wire           | Stranded copper wire, bare |
| Outer-diameter (jacket)           | 14,8 mm                    |
| Tolerance outer diameter (sheath) | ± 5 %                      |
| Material jacket                   | PUR                        |