

Mini (7/8") 5 pole, Female 0° w/ Cable

PVC 5x16AWG ye UL/CSA, STOOW

Art.No.: 7700-A5021-UBD0150

Weight: 0.383 kg

Country of origin: US

Model designation: MSCBL0-UUBD_1.5

Female straight

7/8" (5-pole)

Power cable

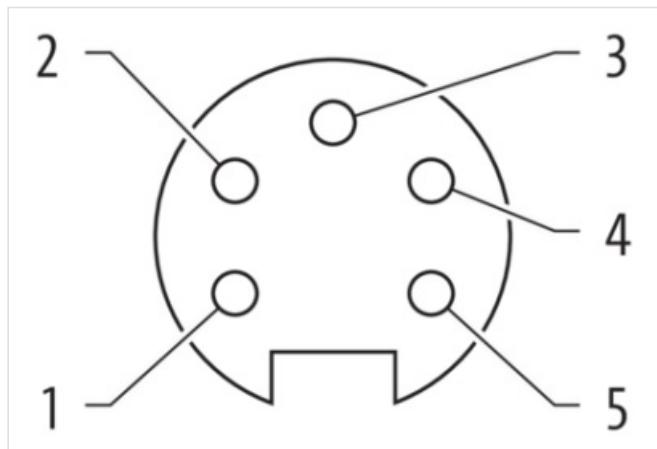
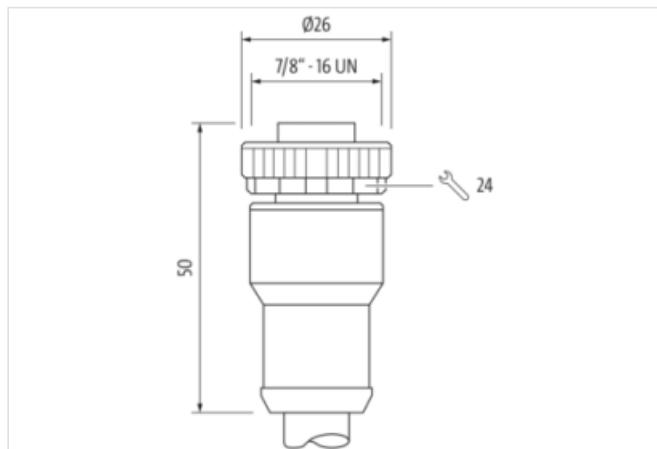
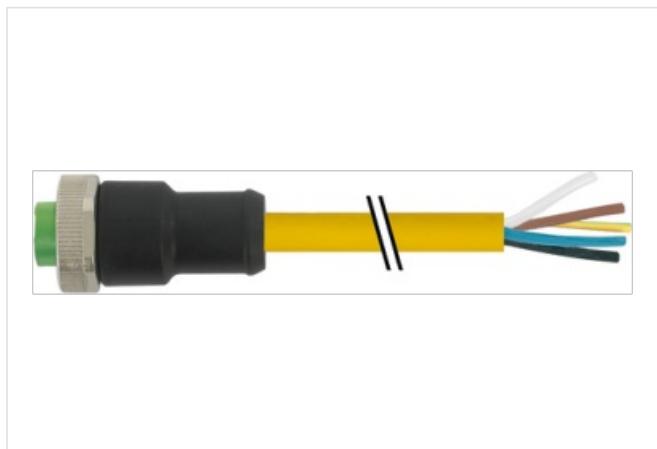
USA

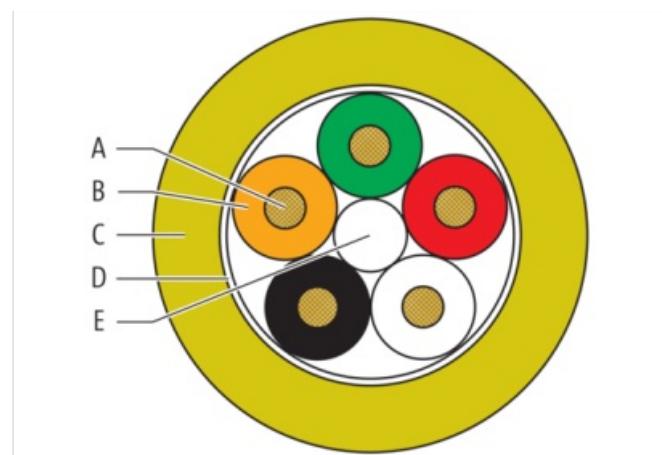
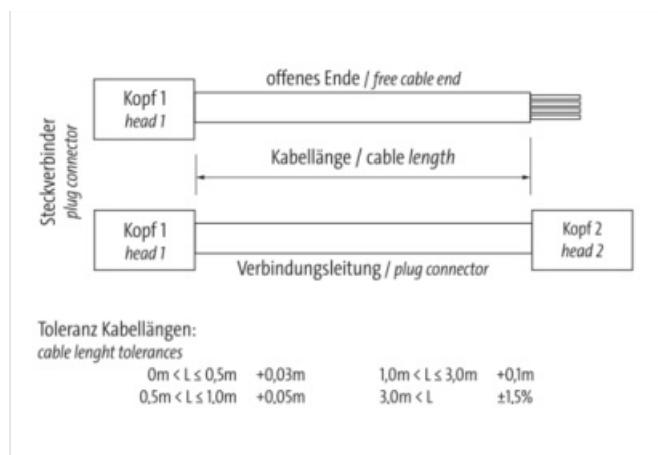
without cable sleeves

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 MSCBL0-UUBD_1.5

Cable length 1,50 m

Side 1

Family construction form 7/8"

No. of poles 5

Mounting method inserted, screwed

Threaded hole 7/8"

Tightening torque 1,5 Nm

Width across flats SW24

suitable for corrugated tube (internal Ø) 17,8 mm

Commercial data

URL Webshop <https://shop.murrelektronik.com/7700-A5021-UBD0150>

GTIN 4048879632072

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 | 4048879632072 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|------------------------------------|-------|
| Operating voltage AC max. | 600 V |
| Operating voltage DC max. | 600 V |
| Current operating per contact max. | 9 A |

Diagnostics

| | |
|-----------------------|----|
| Status indication LED | No |
|-----------------------|----|

Device protection | Electrical

| | |
|--|-------------------|
| Degree of protection (EN IEC 60529) | IP68 |
| Additional condition protection degree | inserted, screwed |
| Pollution Degree | 3 |
| Rated surge voltage | 2,5 kV |

Mechanical data | Material data

| | |
|------------------|------------------|
| Material housing | PUR |
| Locking material | Zinc die-casting |
| Coating locking | Nickelized |

Mechanical data | Mounting data

| | |
|-----------------|---------------------------------------|
| Mounting method | inserted, screwed, Shaking protection |
|-----------------|---------------------------------------|

Environmental characteristics | Climatic

| | |
|--|----------------------------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 80 °C |
| Additional condition temperature range | depending on cable quality |

Important installation notes

| | |
|------------------------|---|
| Note on bending radius | Attention: 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. |

Installation | Cable

| | |
|----------------------|----------------------------------|
| Cable identification | UBD |
| Amount stranding | 1 |
| Stranding | 1 x Wires |
| Banding | silk paper |
| Filler | Yes |
| Wire arrangement | orange, green, red, white, black |
| Cable weight | 172 g/m |

| | |
|--|---|
| Material wire insulation | PVC |
| Amount wires | 5 |
| Outer diameter insulation | 3,05 mm |
| Outer diameter tolerance core insulation | ± 0,05 mm |
| Ingredient freeness wire insulation | lead-free, CFC-free |
| Amount strands (wire) | 26 |
| Diameter of single wires | 30 AWG |
| Conductor crosssection (wire) | 16 AWG |
| Material conductor wire | Stranded copper wire, bare |
| Outer-diameter (jacket) | 12,7 mm |
| Tolerance outer diameter (sheath) | ± 5 % |
| Material jacket | PVC |
| Freedom from ingredients (jacket) | lead-free, CFC-free |
| Conductor resistance (wire) | 13.1 Ω/km @ 20 °C |
| Nominal voltage max. | 600 V |
| Withstand voltage (wire - wire) | 6 kV @ 60 s |
| Withstand voltage (wire - jacket) | 6 kV @ 60 s |
| Current load capacity (standard) | according to NFPA-70 (NEC) : 400.5(A) (1-3) |
| Current load capacity max. (wire) | 8 A |
| Operating temperature min. (static) | -50 °C |
| Operating temperature max. (static) | 105 °C |
| Operating temperature min. (dynamic) | -20 °C |
| Operating temperature max. (dynamic) | 90 °C |
| Bending radius (fixed) | 10 × Outer diameter |
| Bending radius (dynamic) | 15 × Outer diameter |