# M5 Male Straight to Female Right-Angle Cable

Overmolded M5 × 0.5 cable, male straight to female right-angle, wired straight through. 3 or 4 pins; PUR or PVC; unshielded or shielded; 1, 2, 5 or 10 m.

ORDERING CODE
**M5-[3P/4P]-MST-FRA-[PUR/PVC]-[U/S]-[length]M**

CONNECTOR
**M5 × 0.5, male straight to female right-angle**

PINS
**3 or 4**

CABLE
**PUR or PVC · unshielded or shielded**

LENGTHS
**1 m, 2 m, 5 m, 10 m**

WIRE
**0.14 mm² (26 AWG)**

| CONSTRUCTION | |
|---|---|
| **Connector** | M5 × 0.5 screw lock |
| **Termination** | Soldered and overmolded |
| **Contacts** | Brass, gold plated |
| **Coupling nut** | Brass, nickel plated |
| **Body** | TPU |
| **Jacket** | PUR or PVC, –40 to +105 °C |
| **Wire gauge** | 0.14 mm² (26 AWG) |
| **Wiring** | Straight through, pin to pin |

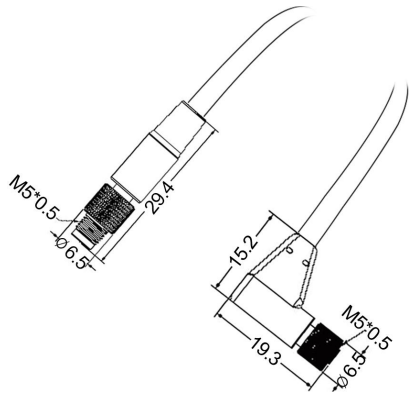
| RATINGS | |
|---|---|
| **3-pin M5** | 60 V · 1 A |
| **4-pin M5** | 60 V · 1 A |

| GENERAL | |
|---|---|
| **Cable temp.** | –40 to +105 °C |
| **Current rating at** | 40 °C |
| **Insulation resist.** | ≥ 100 MΩ |
| **Contact resist.** | ≤ 5 mΩ |
| **Mating cycles** | > 100 |
| **Compliance** | RoHS / REACH |

**BUILT TO ORDER**
Standard versions ship in about 5 to 6 weeks. Request a quote on formrep.com or call 816-782-7800.

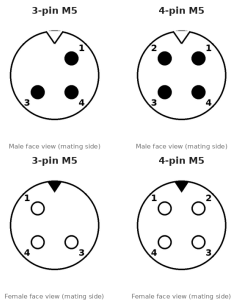
**NEED SOMETHING DIFFERENT?**
Other lengths and mixed-connector versions are available. Ask for a made-to-fit quote.

# Dimensions, pin layouts and ordering




MALE STRAIGHT TO FEMALE RIGHT-ANGLE

## PIN LAYOUTS, FACE VIEW (MATING SIDE); MALE TOP ROW, FEMALE BOTTOM ROW




## ORDERING CODE

| M5 | - | 4P | - | MST-FRA | - | PUR | - | U | - | 2M |
|---|---|---|---|---|---|---|---|---|---|---|
| M5 × 0.5 | | 3P or 4P | | this cable family | | PUR or PVC | | U = unshielded, S = shielded | | 1M, 2M, 5M, 10M |

Example: M5-4P-MST-FRA-PUR-U-2M = 4-pin M5 male straight to female right-angle, PUR jacket, unshielded, 2 m.

## STANDARD CONFIGURATIONS (32)

| | | | |
|---|---|---|---|
| M5-3P-MST-FRA-PUR-U-1M | M5-4P-MST-FRA-PUR-U-1M | M5-3P-MST-FRA-PUR-S-1M | M5-4P-MST-FRA-PUR-S-1M |
| M5-3P-MST-FRA-PUR-U-2M | M5-4P-MST-FRA-PUR-U-2M | M5-3P-MST-FRA-PUR-S-2M | M5-4P-MST-FRA-PUR-S-2M |
| M5-3P-MST-FRA-PUR-U-5M | M5-4P-MST-FRA-PUR-U-5M | M5-3P-MST-FRA-PUR-S-5M | M5-4P-MST-FRA-PUR-S-5M |
| M5-3P-MST-FRA-PUR-U-10M | M5-4P-MST-FRA-PUR-U-10M | M5-3P-MST-FRA-PUR-S-10M | M5-4P-MST-FRA-PUR-S-10M |
| M5-3P-MST-FRA-PVC-U-1M | M5-4P-MST-FRA-PVC-U-1M | M5-3P-MST-FRA-PVC-S-1M | M5-4P-MST-FRA-PVC-S-1M |
| M5-3P-MST-FRA-PVC-U-2M | M5-4P-MST-FRA-PVC-U-2M | M5-3P-MST-FRA-PVC-S-2M | M5-4P-MST-FRA-PVC-S-2M |
| M5-3P-MST-FRA-PVC-U-5M | M5-4P-MST-FRA-PVC-U-5M | M5-3P-MST-FRA-PVC-S-5M | M5-4P-MST-FRA-PVC-S-5M |
| M5-3P-MST-FRA-PVC-U-10M | M5-4P-MST-FRA-PVC-U-10M | M5-3P-MST-FRA-PVC-S-10M | M5-4P-MST-FRA-PVC-S-10M |