

M5 Male to Male Straight Cable

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



ORDERING CODE

M5-[3P/4P]-MM-ST-[PUR/PVC]-[U/S]-[length]M

CONNECTOR

M5 × 0.5, male straight to male straight

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 mm ² (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

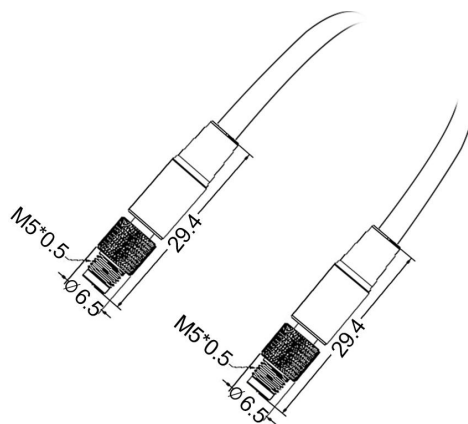
BUILT TO ORDER

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

NEED SOMETHING DIFFERENT?

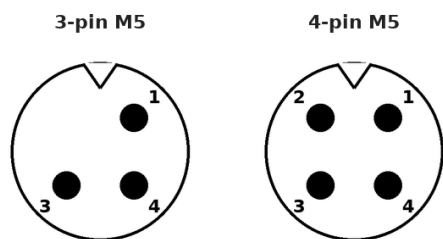
Other lengths and mixed-connector versions are available. Ask for a made-to-fit quote.

Dimensions, pin layouts and ordering



MALE STRAIGHT TO MALE STRAIGHT

PIN LAYOUTS, FACE VIEW (MATING SIDE)



Male face view (mating side)

Male face view (mating side)

ORDERING CODE

M5	-	4P	-	MM-ST	-	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-MM-ST-PUR-U-2M = 4-pin M5 male straight to male straight, PUR jacket, unshielded, 2 m.

STANDARD CONFIGURATIONS (32)

M5-3P-MM-ST-PUR-U-1M	M5-4P-MM-ST-PUR-U-1M	M5-3P-MM-ST-PUR-S-1M	M5-4P-MM-ST-PUR-S-1M
M5-3P-MM-ST-PUR-U-2M	M5-4P-MM-ST-PUR-U-2M	M5-3P-MM-ST-PUR-S-2M	M5-4P-MM-ST-PUR-S-2M
M5-3P-MM-ST-PUR-U-5M	M5-4P-MM-ST-PUR-U-5M	M5-3P-MM-ST-PUR-S-5M	M5-4P-MM-ST-PUR-S-5M
M5-3P-MM-ST-PUR-U-10M	M5-4P-MM-ST-PUR-U-10M	M5-3P-MM-ST-PUR-S-10M	M5-4P-MM-ST-PUR-S-10M
M5-3P-MM-ST-PVC-U-1M	M5-4P-MM-ST-PVC-U-1M	M5-3P-MM-ST-PVC-S-1M	M5-4P-MM-ST-PVC-S-1M
M5-3P-MM-ST-PVC-U-2M	M5-4P-MM-ST-PVC-U-2M	M5-3P-MM-ST-PVC-S-2M	M5-4P-MM-ST-PVC-S-2M
M5-3P-MM-ST-PVC-U-5M	M5-4P-MM-ST-PVC-U-5M	M5-3P-MM-ST-PVC-S-5M	M5-4P-MM-ST-PVC-S-5M
M5-3P-MM-ST-PVC-U-10M	M5-4P-MM-ST-PVC-U-10M	M5-3P-MM-ST-PVC-S-10M	M5-4P-MM-ST-PVC-S-10M