M5 Male to Female Straight Extension Cable

Overmolded M5 × 0.5 cable, male straight to female 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]-MF-ST-[PUR/PVC]-[U/S]-[length]M

CONNECTOR
M5 × 0.5, male straight to female 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 mm² (26 AWG)
Wiring	Straight through, pin to pin

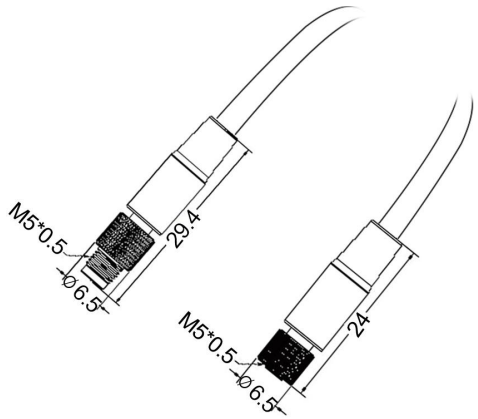
RATINGS	
3-pin M5	60 V · 1 A
4-pin M5	60 V · 1 A

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.

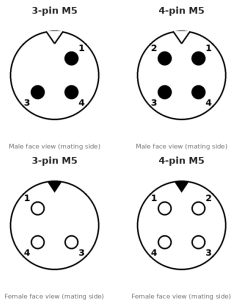
NEED SOMETHING DIFFERENT?
Other lengths and mixed-connector versions are available. Ask for a made-to-fit quote.

Dimensions, pin layouts and ordering



MALE STRAIGHT TO FEMALE STRAIGHT

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



ORDERING CODE

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

STANDARD CONFIGURATIONS (32)

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