

M5 Male Right-Angle Molded Cable, Single-Ended

Overmolded M5 × 0.5 male right-angle connector on PUR or PVC cable, open conductors on the other end. 3 or 4 pins; unshielded or shielded; 1, 2, 5 or 10 m.



ORDERING CODE

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

CONNECTOR

M5 × 0.5, male 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 mm ² (26 AWG)
Free end	Open conductors

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

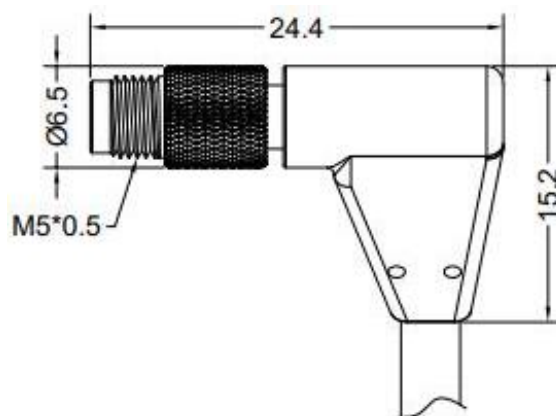
BUILT TO ORDER

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

NEED SOMETHING DIFFERENT?

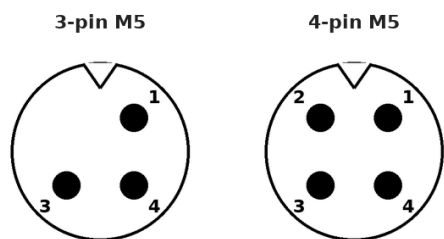
Other lengths and mixed-connector versions are available. Ask for a made-to-fit quote.

Dimensions, pin layouts and ordering



MALE RIGHT-ANGLE

PIN LAYOUTS, FACE VIEW (MATING SIDE)



Male face view (mating side)

Male face view (mating side)

ORDERING CODE

M5	-	4P	-	M-RA	-	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-M-RA-PUR-U-2M = 4-pin M5 male right-angle, PUR jacket, unshielded, 2 m.

STANDARD CONFIGURATIONS (32)

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