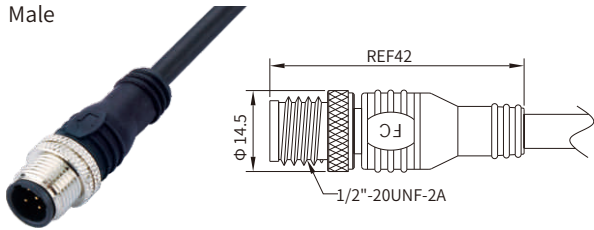


# Micro-change 1/2" (Power)

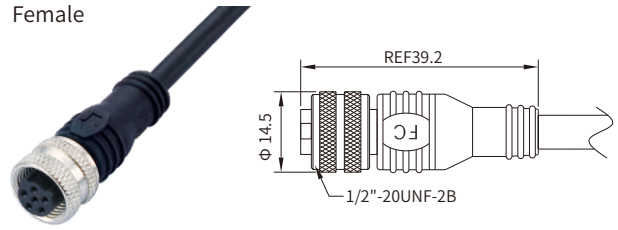


## Micro-change 1/2"-20UNF Straight Connector, Molded Cable

Male



Female



### Specifications

Contacts	2	3 (2+PE)	4 (3+PE)	5 (4+PE)	6 (5+PE)
Pin layout(Male)					
Pin layout(Female)					
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)				
Connector insert	TPU; PA+GF				
Connector contacts	Brass with gold plated				
Connector overmold	TPU				
Coupling nut/screw	Brass with nickel plated				
Seal/O-ring(of Female)	FKM				
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Shielding	Unavailable				
IP rating	IP67, IP68, IP69K in locked condition				
Mating endurance	>500 cycles				
Rated current	4 A			2 A	
Rated voltage	250V AC/DC			60V AC/DC	
Wire gauge	0.34 mm <sup>2</sup> (AWG 22)			0.25 mm <sup>2</sup> (AWG 24)	

### Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
2	1m	MC-WM02STMF-10CB34	MC-WM02STMF-10RB34	MC-WF02STMF-10CB34	MC-WF02STMF-10RB34
	3m	MC-WM02STMF-30CB34	MC-WM02STMF-30RB34	MC-WF02STMF-30CB34	MC-WF02STMF-30RB34
	5m	MC-WM02STMF-50CB34	MC-WM02STMF-50RB34	MC-WF02STMF-50CB34	MC-WF02STMF-50RB34
3 (2+PE)	1m	MC-WM02STMF-10CB34	MC-WM02STMF-10RB34	MC-WF03STMF-10CB34	MC-WF03STMF-10RB34
	3m	MC-WM02STMF-30CB34	MC-WM02STMF-30RB34	MC-WF03STMF-30CB34	MC-WF03STMF-30RB34
	5m	MC-WF03STMF-50CB34	MC-WF03STMF-50RB34	MC-WF03STMF-50CB34	MC-WF03STMF-50RB34
4 (3+PE)	1m	MC-WF04STMF-10CB34	MC-WF04STMF-10RB34	MC-WF04STMF-10CB34	MC-WF04STMF-10RB34
	3m	MC-WF04STMF-30CB34	MC-WF04STMF-30RB34	MC-WF04STMF-30CB34	MC-WF04STMF-30RB34
	5m	MC-WF04STMF-50CB34	MC-WF04STMF-50RB34	MC-WF04STMF-50CB34	MC-WF04STMF-50RB34
5 (4+PE)	1m	MC-WF05STMF-10CB25	MC-WF05STMF-10RB25	MC-WF05STMF-10CB25	MC-WF05STMF-10RB25
	3m	MC-WF05STMF-30CB25	MC-WF05STMF-30RB25	MC-WF05STMF-30CB25	MC-WF05STMF-30RB25
	5m	MC-WF05STMF-50CB25	MC-WF05STMF-50RB25	MC-WF05STMF-50CB25	MC-WF05STMF-50RB25
6 (5+PE)	1m	MC-WF06STMF-10CB25	MC-WF06STMF-10RB25	MC-WF06STMF-10CB25	MC-WF06STMF-10RB25
	3m	MC-WF06STMF-30CB25	MC-WF06STMF-30RB25	MC-WF06STMF-30CB25	MC-WF06STMF-30RB25
	5m	MC-WF06STMF-50CB25	MC-WF06STMF-50RB25	MC-WF06STMF-50CB25	MC-WF06STMF-50RB25

### Default wire colors

Pin No.					
Pin 1	BN	BN	BN	BN	BN
Pin 2	BU	BU	WH	WH	WH
Pin 3		BK	BU	BU	BU
Pin 4			BK	BK	BK
Pin 5				GY	GY
Pin 6					RK