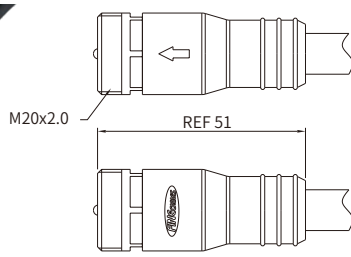


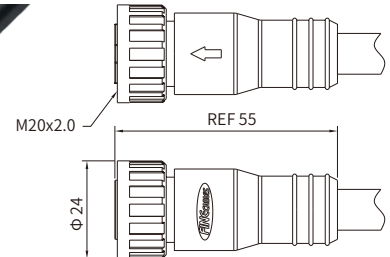
## M20 Straight Connector, Molded Cable

Male



RoHS

Female



RoHS

### Specifications

Contacts	3+5
Pin layout(Male)	
Pin layout(Female)	
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)
Connector insert	PBT
Connector contacts	Brass with gold plated
Coupling nut/screw (of Female)	ASA
Seal/O-ring(of Female)	Silicone
Insulation resistance	≥100MΩ
Contact resistance	≤5mΩ
Shielding	Unavailable
IP rating	IP67, IP68 in locked condition
Mating endurance	>500 cycles
Rated current	4A(signal 5Pins) / 13A(power 3Pins)
Rated voltage	300V AC / DC
Wire gauge	Signal 5Pins: 0.14~0.3mm <sup>2</sup> (AWG26~22) / Power 3Pins: 0.5~2.5mm <sup>2</sup> (AWG18~14)

### Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
3+5	1m	MA20MAP3+5ST-10CB25	MA20FAP3+5ST-10RB25	MA20FAP3+5ST-10CB25	MA20FAP3+5ST-10RB25
	3m	MA20MAP3+5ST-30CB25	MA20FAP3+5ST-30RB25	MA20FAP3+5ST-30CB25	MA20FAP3+5ST-30RB25
	5m	MA20MAP3+5ST-50CB25	MA20FAP3+5ST-50RB25	MA20FAP3+5ST-50CB25	MA20FAP3+5ST-50RB25

### Default wire colors

Pin No.	
L	BN
N	BK
G	YE/EN
Pin 1	BRAID
Pin 2	RD
Pin 3	GY
Pin 4	GN
Pin 5	WH