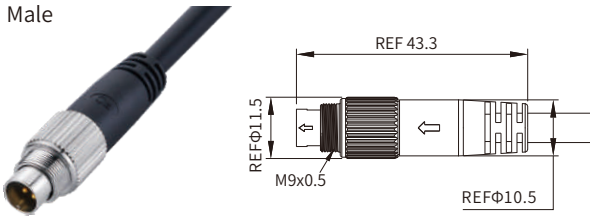
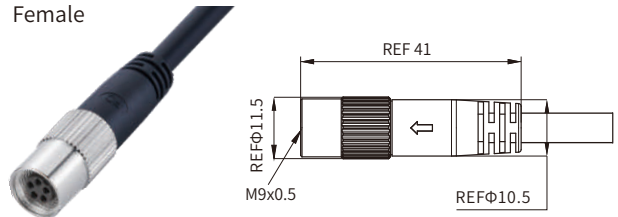


M9 Straight Connector, Molded Cable

Male



Female



RoHS

RoHS

■ Specifications

Contacts	2	3	4	5	7	8
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	Brass with nickel plated					
Connector overmold	TPU					
Insulation resistance	≥100MΩ					
Contact resistance	≤5mΩ					
Shielding	Available					
IP rating	IP67 in locked condition					
Mating endurance	>500 cycles					
Rated current	4 A		3 A		1A	
Rated voltage	125V AC/DC					
Wire gauge	0.25mm² (AWG24)				0.14mm² (AWG26)	

■ Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
2	1m	MA09MSAF02ST-10CB25	MA09MSAF02ST-10RB25	MA09FSAF02ST-10CB25	MA09FSAF02ST-10RB25
	3m	MA09MSAF02ST-30CB25	MA09MSAF02ST-30RB25	MA09FSAF02ST-30CB25	MA09FSAF02ST-30RB25
	5m	MA09MSAF02ST-50CB25	MA09MSAF02ST-50RB25	MA09FSAF02ST-50CB25	MA09FSAF02ST-50RB25
3	1m	MA09MSAF03ST-10CB25	MA09MSAF03ST-10RB25	MA09FSAF03ST-10CB25	MA09FSAF03ST-10RB25
	3m	MA09MSAF03ST-30CB25	MA09MSAF03ST-30RB25	MA09FSAF03ST-30CB25	MA09FSAF03ST-30RB25
	5m	MA09MSAF03ST-50CB25	MA09MSAF03ST-50RB25	MA09FSAF03ST-50CB25	MA09FSAF03ST-50RB25
4	1m	MA09MSAF04ST-10CB25	MA09MSAF04ST-10RB25	MA09FSAF04ST-10CB25	MA09FSAF04ST-10RB25
	3m	MA09MSAF04ST-30CB25	MA09MSAF04ST-30RB25	MA09FSAF04ST-30CB25	MA09FSAF04ST-30RB25
	5m	MA09MSAF04ST-50CB25	MA09MSAF04ST-50RB25	MA09FSAF04ST-50CB25	MA09FSAF04ST-50RB25
5	1m	MA09MSAF05ST-10CB25	MA09MSAF05ST-10RB25	MA09FSAF05ST-10CB25	MA09FSAF05ST-10RB25
	3m	MA09MSAF05ST-30CB25	MA09MSAF05ST-30RB25	MA09FSAF05ST-30CB25	MA09FSAF05ST-30RB25
	5m	MA09MSAF05ST-50CB25	MA09MSAF05ST-50RB25	MA09FSAF05ST-50CB25	MA09FSAF05ST-50RB25
7	1m	MA09MSAF07ST-10CB14	MA09MSAF07ST-10RB14	MA09FSAF07ST-10CB14	MA09FSAF07ST-10RB14
	3m	MA09MSAF07ST-30CB14	MA09MSAF07ST-30RB14	MA09FSAF07ST-30CB14	MA09FSAF07ST-30RB14
	5m	MA09MSAF07ST-50CB14	MA09MSAF07ST-50RB14	MA09FSAF07ST-50CB14	MA09FSAF07ST-50RB14
8	1m	MA09MSAF08ST-10CB14	MA09MSAF08ST-10RB14	MA09FSAF08ST-10CB14	MA09FSAF08ST-10RB14
	3m	MA09MSAF08ST-30CB14	MA09MSAF08ST-30RB14	MA09FSAF08ST-30CB14	MA09FSAF08ST-30RB14
	5m	MA09MSAF08ST-50CB14	MA09MSAF08ST-50RB14	MA09FSAF08ST-50CB14	MA09FSAF08ST-50RB14

■ Default wire colors

Pin No.						
Pin 1	BN	BU	WH	WH	BU	BK
Pin 2	BU	BU	WH	WH	BU	BK
Pin 3		BK	BU	BU	BU	BK
Pin 4			BK	BK	BK	BK
Pin 5				GY	GY	GY
Pin 6					PK	PK
Pin 7					RD	RD
Pin 8						RD
Shell	Braid					