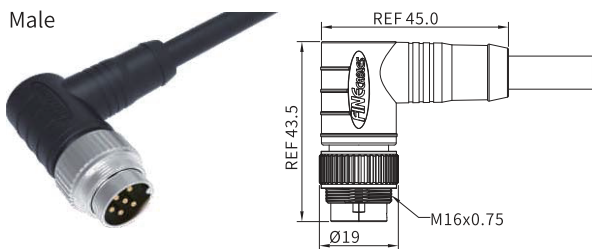


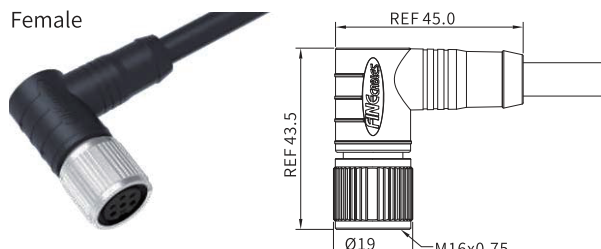
M16 Angled Connector, Molded Cable, Shielded

Male



RoHS

Female



RoHS

Specifications

Contacts	2	3	4	5-a	5-b	6	7-a	7-b	8	12	14-b	19
Pin layout(Male)												
Pin layout(Female)												
Standard	IEC 61076-2-106											
Ambient temperature	-25°C ~ +85°C (flexible installation) , -40°C ~ +85°C (fixed installation)											
Connector insert	PBT											
Connector contacts	Brass with gold plated											
Connector overmold	TPU											
Coupling nut/screw	Zinc alloy with nickel plated											
O-ring(of Female)	NBR/FKM											
Insulation resistance	≥100MΩ											
Contact resistance	≤5mΩ											
Shielding	Available											
IP rating	IP65, IP67 in locked condition											
Mating endurance	>100 cycles											
Rated current	7A(40℃)			6A(40℃)			5A(40℃)			3A(40℃)		
Rated voltage	250V/32V				60V/32V		250V/32V		125V/32V		60V/32V	
Wire gauge	0.75mm² (AWG18)										0.25mm² (AWG24)	

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
2	1m	MA16MSAF02RA-10CB75	MA16MSAF02RA-10RB75	MA16FSAF02RA-10CB75	MA16FSAF02RA-10RB75
3	1m	MA16MSAF03RA-10CB75	MA16MSAF03RA-10RB75	MA16FSAF03RA-10CB75	MA16FSAF03RA-10RB75
4	1m	MA16MSAF04RA-10CB75	MA16MSAF04RA-10RB75	MA16FSAF04RA-10CB75	MA16FSAF04RA-10RB75
5-a	1m	MA16MSAF05ARA-10CB75	MA16MSAF05ARA-10RB75	MA16FSAF05ARA-10CB75	MA16FSAF05ARA-10RB75
5-b	1m	MA16MSAF05BRA-10CB75	MA16MSAF05BRA-10RB75	MA16FSAF05BRA-10CB75	MA16FSAF05BRA-10RB75
6	1m	MA16MSAF06RA-10CB75	MA16MSAF06RA-10RB75	MA16FSAF06RA-10CB75	MA16FSAF06RA-10RB75
7-a	1m	MA16MSAF07ARA-10CB75	MA16MSAF07ARA-10RB75	MA16FSAF07ARA-10CB75	MA16FSAF07ARA-10RB75
7-b	1m	MA16MSAF07BRA-10CB75	MA16MSAF07BRA-10RB75	MA16FSAF07BRA-10CB75	MA16FSAF07BRA-10RB75
8	1m	MA16MSAF08RA-10CB75	MA16MSAF08RA-10RB75	MA16FSAF08RA-10CB75	MA16FSAF08RA-10RB75
12	1m	MA16MSAF12RA-10CB25	MA16MSAF12RA-10RB25	MA16FSAF12RA-10CB25	MA16FSAF12RA-10RB25
14-b	1m	MA16MSAF14BRA-10CB25	MA16MSAF14BRA-10RB25	MA16FSAF14BRA-10CB25	MA16FSAF14BRA-10RB25
19	1m	MA16MSAF19RA-10CB25	MA16MSAF19RA-10RB25	MA16FSAF19RA-10CB25	MA16FSAF19RA-10RB25

Default wire colors

Pin No.																			
Pin 1	RD					WH													
Pin 2	BK					BN													
Pin 3		BK				BU													
Pin 4			BU			WH													
Pin 5				BK		BK													
Pin 6					GY														
Pin 7						YE													
Pin 8						GN													
Pin 9						BU													
Pin 10							RD												
Pin 11								RD											
Pin 12									RD										
Pin 13										RD									
Pin 14											RD								
Pin 15												RD							
Pin 16													RD						
Pin 17														RD					
Pin 18															RD				
Pin 19																RD			