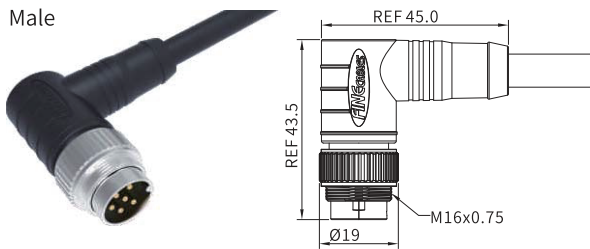


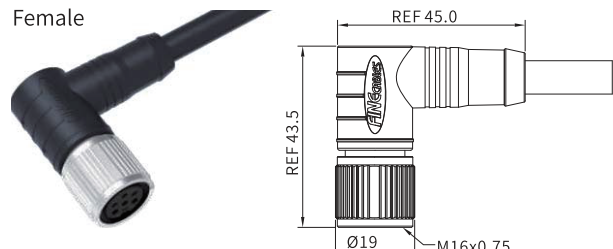
M16 Angled Connector, Molded Cable, Shielded

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℃ ~ +85℃ (flexible installation) , -40℃ ~ +85℃ (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		
Wire gauge	0.75mm ² (AWG18)									0.25mm ² (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	BN	BN	BN	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Pin 2	BK	BU	WH	WH	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN	BN
Pin 3		BK	BU	BU	BU	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN	GN
Pin 4			BK	BK	BK	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE	YE
Pin 5				GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY	GY
Pin 6						PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK	PK
Pin 7							BU	BU	BU	BU	BU	BU	BU	BU	BU	BU	BU	BU	BU
Pin 8										RD	RD	RD	RD	RD	RD	RD	RD	RD	RD
Pin 9											OR	OR	OR	OR	OR	OR	OR	OR	OR
Pin 10											TP	TP	TP	TP	TP	TP	TP	TP	TP
Pin 11											BK	BK	BK	BK	BK	BK	BK	BK	BK
Pin 12											VT	VT	VT	VT	VT	VT	VT	VT	VT
Pin 13													BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH
Pin 14													BK/RD	BK/RD	BK/RD	BK/RD	BK/RD	BK/RD	BK/RD
Pin 15													BK/GN	BK/GN	BK/GN	BK/GN	BK/GN	BK/GN	BK/GN
Pin 16																BK/YE	BK/YE	BK/YE	BK/YE
Pin 17																BK/BU	BK/BU	BK/BU	BK/BU
Pin 18																OR/WH	OR/WH	OR/WH	OR/WH
Pin 19																	GN/WH	GN/WH	GN/WH