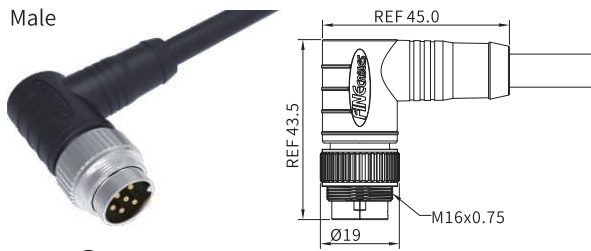


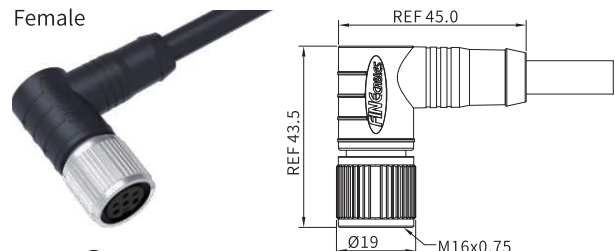
M16 Angled Connector, Molded Cable

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	Unavailable													
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	0.75mm ² (AWG18)										0.25mm ² (AWG24)			

Part Number

Pins	Cable length	Male		Female	
		PVC	PUR	PVC	PUR
2	1m	MA16MAF02RA-10CB75	MA16MAF02RA-10RB75	MA16FAF02RA-10CB75	MA16FAF02RA-10RB75
3	1m	MA16MAF03RA-10CB75	MA16MAF03RA-10RB75	MA16FAF03RA-10CB75	MA16FAF03RA-10RB75
4	1m	MA16MAF04RA-10CB75	MA16MAF04RA-10RB75	MA16FAF04RA-10CB75	MA16FAF04RA-10RB75
5-a	1m	MA16MAF05ARA-10CB75	MA16MAF05ARA-10RB75	MA16FAF05ARA-10CB75	MA16FAF05ARA-10RB75
5-b	1m	MA16MAF05BRA-10CB75	MA16MAF05BRA-10RB75	MA16FAF05BRA-10CB75	MA16FAF05BRA-10RB75
6	1m	MA16MAF06RA-10CB75	MA16MAF06RA-10RB75	MA16FAF06RA-10CB75	MA16FAF06RA-10RB75
7-a	1m	MA16MAF07ARA-10CB75	MA16MAF07ARA-10RB75	MA16FAF07ARA-10CB75	MA16FAF07ARA-10RB75
7-b	1m	MA16MAF07BRA-10CB75	MA16MAF07BRA-10RB75	MA16FAF07BRA-10CB75	MA16FAF07BRA-10RB75
8	1m	MA16MAF08RA-10CB75	MA16MAF08RA-10RB75	MA16FAF08RA-10CB75	MA16FAF08RA-10RB75
12	1m	MA16MAF12RA-10CB25	MA16MAF12RA-10RB25	MA16FAF12RA-10CB25	MA16FAF12RA-10RB25
14-b	1m	MA16MAF14BRA-10CB25	MA16MAF14BRA-10RB25	MA16FAF14BRA-10CB25	MA16FAF14BRA-10RB25
19	1m	MA16MAF19RA-10CB25	MA16MAF19RA-10RB25	MA16FAF19RA-10CB25	MA16FAF19RA-10RB25

Default wire colors

Pin No.																						
Pin 1	RD	BN	BN	BN	BN	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH	WH
Pin 2	BK	BU	WH	WH	WH	BN	BN	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	GN	GN	GN
Pin 4			BK	BK	BK	YE	YE	YE	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	GY	GY	GY
Pin 6						PK	PK	PK	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	BU	BU	BU
Pin 8												RD	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD
Pin 9													OR	OR	OR	OR	OR	OR	OR	OR	OR	OR
Pin 10													TP	TP	TP	TP	TP	TP	TP	TP	TP	TP
Pin 11													BK	BK	BK	BK	BK	BK	BK	BK	BK	BK
Pin 12															BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH	BK/WH
Pin 13																BK/RD	BK/RD	BK/RD	BK/RD	BK/RD	BK/RD	BK/RD
Pin 14																BK/GN	BK/GN	BK/GN	BK/GN	BK/GN	BK/GN	BK/GN
Pin 15																	BK/YE	BK/YE	BK/YE	BK/YE	BK/YE	BK/YE
Pin 16																	BK/BN	BK/BN	BK/BN	BK/BN	BK/BN	BK/BN
Pin 17																	BK/BU	BK/BU	BK/BU	BK/BU	BK/BU	BK/BU
Pin 18																	OR/WH	OR/WH	OR/WH	OR/WH	OR/WH	OR/WH
Pin 19																		GN/WH	GN/WH	GN/WH	GN/WH	GN/WH