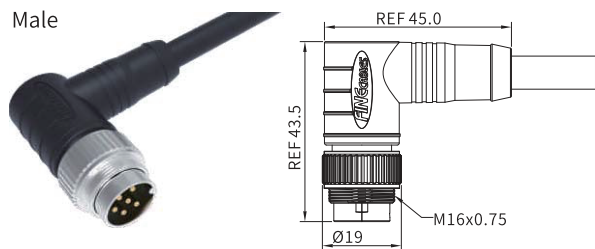


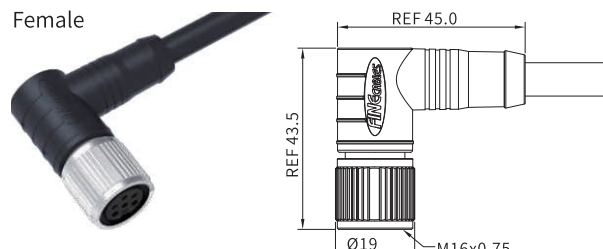
M16 Angled Connector, Molded Cable

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°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	Unavailable											
IP rating	IP65, IP67 in locked condition											
Mating endurance	>100 cycles											
Rated current	7A(40°C)			6A(40°C)			5A(40°C)			3A(40°C)		
Rated voltage	250V/32V			60V/32V			250V/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	OR
Pin 10												TP	TP	TP	TP	TP	TP	TP	TP	TP	TP	TP
Pin 11												BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK
Pin 12												VT	VT	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	BK/WH	BK/WH	BK/WH
Pin 14													BK/RD	BK/RD	BK/RD	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	BK/GN	BK/GN	BK/GN
Pin 16																BK/YE	BK/YE	BK/YE	BK/YE	BK/YE	BK/YE	BK/YE
Pin 17																BK/BN	BK/BN	BK/BN	BK/BN	BK/BN	BK/BN	BK/BN
Pin 18																BK/BU	BK/BU	BK/BU	BK/BU	BK/BU	BK/BU	BK/BU
Pin 19																OR/WH	OR/WH	OR/WH	OR/WH	OR/WH	OR/WH	OR/WH
Pin 20																						
Pin 21																						
Pin 22																						