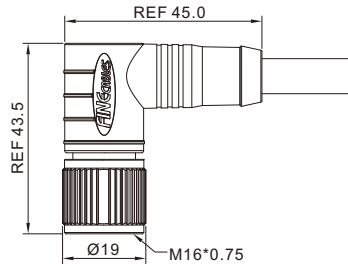


## M16 Female Molded Cable, Angled

- Connector series: M16
- Gender: Female
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA16FAF\*\*RAXXXXXX

\*\* refers to pins number  
X refers to cable specification



RoHS

### General information

Standard:	IEC 61076-2-106
Ambient temperature:	-40°C ~ +70°C(fixed installation) -25°C ~ +70°C(flexible installation)
Connector insert:	BPT
Connector contacts:	Brass with gold plated
Connector overmold:	TPU

Seal/ O-ring:	Zinc alloy with nickel plated
Coupling screw:	NBR/FKM
Insulation resistance:	≥ 100MΩ
Contact resistance :	≤ 5mΩ
Shielding:	Available/Unavailable
IP rating:	IP65, IP67 in locked condition
Mating endurance:	>100 cycles

### Electrical data & Mechanical data

Contacts	Rated current	Voltage		Wire gauge / size		Cable jacket	Part No.
		A/C	D/C	AWG	mm <sup>2</sup>		
02 pins	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF02RAXXXB75 MA16FSAF02RAXXXB75
03 pins	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF03RAXXXB75 MA16FSAF03RAXXXB75
04 pins	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF04RAXXXB75 MA16FSAF04RAXXXB75
05 pins-a	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF05ARAXXXB75 MA16FSAF05ARAXXXB75
05 pins-b	6A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF05BRAXXXB75 MA16FSAF05BRAXXXB75
06 pins	5A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF06RAXXXB75 MA16FSAF06RAXXXB75
07 pins-a	5A(40°C)	125V	32V	18AWG	0.75	PUR/PVC	MA16FAF07ARAXXXB75 MA16FSAF07ARAXXXB75
07 pins-b	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF07BRAXXXB75 MA16FSAF07BRAXXXB75
08 pins	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF08RAXXXB75 MA16FSAF08RAXXXB75
14 pins	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16FAF14RAXXXXXX MA16FSAF14RAXXXXXX
19 pins	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16FAF19RAXXXXXX MA16FSAF19RAXXXXXX

### Remarks

Note: X refers to cable specification, S : Shielded

- Please refer to Page 578 for the Conversion between American Wire Gauge AWG and Wire Cross-section mm<sup>2</sup>.
- Please Refer to page 292 for products' part number encoding rule.