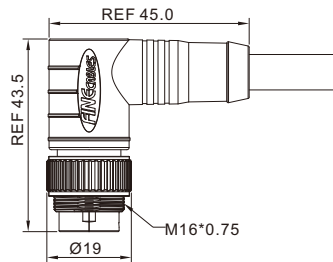


M16 Male Molded Cable, Angled

- Connector series: M16
- Gender: Male
- Locking type: Fix screw
- Mounting type: Right angled
- Part No.: MA16MAF**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

Coupling screw:	Zinc alloy with nickel plated
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 ²		
02 pins		7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16MAF02RAXXXB75 MA16MSAF02RAXXXB75
03 pins		7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16MAF03RAXXXB75 MA16MSAF03RAXXXB75
04 pins		6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16MAF04RAXXXB75 MA16MSAF04RAXXXB75
05 pins-a		6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16MAF05ARAXXXB75 MA16MSAF05ARAXXXB75
05 pins-b		6A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16MAF05BRAXXXB75 MA16MSAF05BRAXXXB75
06 pins		5A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16MAF06RAXXXB75 MA16MSAF06RAXXXB75
07 pins-a		5A(40°C)	125V	32V	18AWG	0.75	PUR/PVC	MA16MAF07ARAXXXB75 MA16MSAF07ARAXXXB75
07 pins-b		5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16MAF07BRAXXXB75 MA16MSAF07BRAXXXB75
08 pins		5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16MAF08RAXXXB75 MA16MSAF08RAXXXB75
14 pins		3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16MAF14RAXXXXXX MA16MSAF14RAXXXXXX
19 pins		3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16MAF19RAXXXXXX MA16MSAF19RAXXXXXX

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 mm².
- Please Refer to page 292 for products' part number encoding rule.