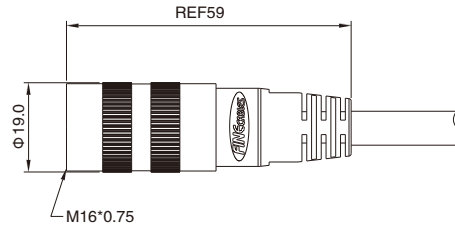


M16 Female Molded Cable, Straight

- Connector series: M16
- Gender: Female
- Locking type: Fix screw
- Mounting type: Straight
- Part No.: MA16FAF**STXXXXXX

** refers to pins number
X refers to cable specification



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 ²		
02 pins	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF02STXXXXB75 MA16FSAF02STXXXXB75
03 pins	7A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF03STXXXXB75 MA16FSAF03STXXXXB75
04 pins	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF04STXXXXB75 MA16FSAF04STXXXXB75
05 pins-a	6A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF05ASTXXXXB75 MA16FSAF05ASTXXXXB75
05 pins-b	6A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF05BSTXXXXB75 MA16FSAF05BSTXXXXB75
06 pins	5A(40°C)	250V	32V	18AWG	0.75	PUR/PVC	MA16FAF06STXXXXB75 MA16FSAF06STXXXXB75
07 pins-a	5A(40°C)	125V	32V	18AWG	0.75	PUR/PVC	MA16FAF07ASTXXXXB75 MA16FSAF07ASTXXXXB75
07 pins-b	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF07BSTXXXXB75 MA16FSAF07BSTXXXXB75
08 pins	5A(40°C)	60V	32V	18AWG	0.75	PUR/PVC	MA16FAF08STXXXXB75 MA16FSAF08STXXXXB75
14 pins	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16FAF14STXXXXXX MA16FSAF14STXXXXXX
19 pins	3A(40°C)	60V	32V	Max.24AWG	Max.0.25	PUR/PVC	MA16FAF19STXXXXXX MA16FSAF19STXXXXXX

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.