



Antennas

DATA SHEET

500 mm AISG Cable

AISGC-M-F-20



- 19.7 in (0.50 meter) AISG 1.1 and 2.0 compliant control cable
- IP67 outdoor ingress protection (when properly mated)
- Flame retardant per UL 1581 VW-1
- Matte polyurethane jacket (Black)
- Standard cable 2 x 8 pin (male/female) per IEC 60130-9
- Tinned copper braid shield material

Overview

CCI's 19.7 in (0.5) meter AISG Male to Female Jumper cable is AISG 2.0 compliant and backward compatible with AISG 1.1. CCI AISG cables are equipped with Standard 8 pin circular connectors per IEC 60130-9 and optionally available with DB15 connectors. This AISG cable has IP67 outdoor ingress protection, when properly mated. The cable jacket is matte black polyurethane and is fire retardant per UL 1581 VW-1.



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SPECIFICATIONS

500 mm AISG Cable

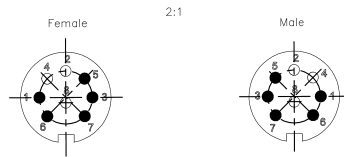
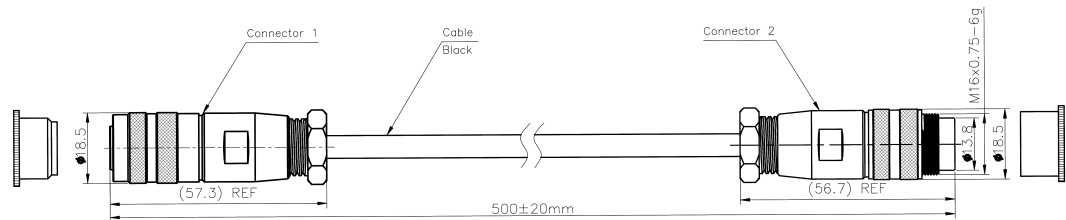
AISGC-M-F-20

Electrical Specifications

Protocol	AISG 1.1 and AISG 2.0
Maximum voltage	300 V
Rated current	5 A at 104° F (40° C)

Mechanical Specifications

Cables per kit	1
Connectors	2 x 8 pin IEC 60130-9 Straight male/ Straight female
Tightening torque	Hand tighten only \approx 1.84 ft-lbs (2.5 Nm)
Construction	Shielded (Tinned Copper Braid)
Braid coverage	85%
Jacket Material	Matte Polyurethane (Black)
Conductors	1 twisted pair - 22 AWG 3 conductors - 18 AWG
Cable Diameter	0.307 in (7.8 mm)
Length (L in diagram)	19.7 in (500 mm)
Minimum bend radius	3.15 in (80 mm)



Female cable connector contact cavity	Color of wire	Male cable connector contact cavity	Wire gauge	Function
1	Red	1	19AWG	+12V
2	No connected	2	No connected	Not used
3	Yellow	3	24AWG	RS485 B
4	No connected	4	No connected	Not used
5	Orange	5	24AWG	RS485 A
6	Brown	6	19AWG	+24V Nominal
7	Black	7	19AWG	DC RETUN
8	No connected	8	No connected	Not used

AISG-Female to AISG-Male Jumper Cable

Environmental Specifications

Fire Retardant	UL 1581 VW-1
Temperature Range	-40° to 85° C
Flammability	UL 1581 VW-1
Ingress Protection	IP67 when connected



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ORDERING

Parts & Accessories

Part Number	Metric Length	Imperial Length	Male Connector Type	Female Connector Type
AISGC-M-F-20	500 mm	19.7 in	8 Pin Straight	8 Pin Straight