



Antennas

DATA SHEET

Quad Port AISG Cable Kit

QPA-CBK-RA-AG-RRU



- AISG 1.1 and 2.0 compliant control cables
- IP67 outdoor ingress protection (when properly mated)
- Flame retardant per UL 1581 VW-1
- Matte polyurethane jacket (Black)
- Connectors 2 x 8 pin (male/female) per IEC 60130-9
- Right angle connectors for mating to the RETs
- Tinned copper braid shield material

Overview

CCI's quad port antenna to remote radio unit (RRU) AISG Cable Kits provides all the required cables for the successful deployment of CCI's quad port antennas and any CCI antennas with two Remote Electrical Tilt (RET) actuators. All of the control cables included in the kit are AISG 1.1 and AISG 2.0 compliant.

AISG control of the quad port's two RET actuators can be configured in several ways. Depending on your requirements, a single RRU can be designated as the AISG controller whereby it controls both pairs of ports for the antenna. Another configuration will allow a separate RRU to control each pair ports for the antenna. The AISG cable kit provides all the necessary cables to enable both of the above configurations. The two straight to right angle RRU jumpers are ten foot AISG cables that provide the connection from the RRU to the antenna, while the shorter right angle to right angle RET jumper is an 18 to 20 inch AISG cable for daisy chaining between the RET actuators.



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SPECIFICATIONS

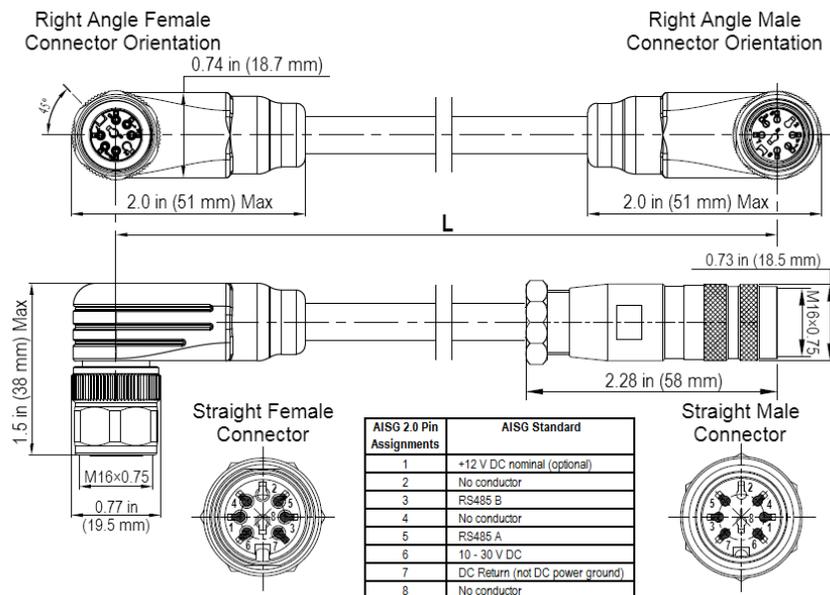
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Electrical/Mechanical/Environmental Specifications

	RET to RET Cables	RRU to Antenna Cables
Individual Cable Part Number	AISGC-MRA-FRA-20	AISGC-M-FRA-10FT
Cable style	UL2464	
Protocol	AISG 1.1 and AISG 2.0	
Maximum voltage	300 V	
Rated current	5 A at 104° F (40° C)	
Temperature Range	-40° to 80° C	
Flammability	UL 1581 VW-1	
Ingress Protection	IEC 60529:2001, IP67	
Tightening torque	Hand tighten only \approx 1.84 ft-lbs (2.5 N·m)	
Construction	Shielded (Tinned Copper Braid)	
Braid coverage	85%	
Jacket Material	Matte Polyurethane (Black)	
Conductors	1 twisted pair - 24 AWG 3 conductors - 19 AWG AWM style 2464	
Cable Diameter	0.307 in (7.8 mm)	
Minimum bend radius	3.9 in (100 mm)	
Connectors	2 x 8 pin IEC 60130-9 Right angle male/right angle female	2 x 8 pin IEC 60130-9 Straight male/right angle female
Length	20 in (508 mm)	120 in (3048 mm)
Weight	0.23 lbs (0.10 kg)	0.77 lbs (0.35 kg)
Cables per kit	1	2

Mechanical Specifications



Right Angle to Right Angle and Right Angle to Straight Jumper Cable



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ORDERING

Quad Port AISG Cable Kit

QPA-CBK-RA-AG-RRU

Parts & Accessories

Kit Part Number	QPA-CBK-RA-AG-RRU
Number of Cables	3
Overall Length	260 in (6604 mm)
Overall Weight	1.8 lbs (0.82 kg)