



# Antennas

DATA SHEET

Quad Port AISG Cable Kit

QPA-CBK2-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
- 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. This AISG cable kit provides the necessary cables to enable this configuration with a longer RRU Jumper. The single RRU jumper is sixteen foot (5m) AISG cable that provides the connection from the RRU to the antenna, while the shorter RET jumper is an 18 to 20 inch AISG cable for daisy chaining between the RET actuators.



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## SPECIFICATIONS

### Quad Port AISG Cable Kit

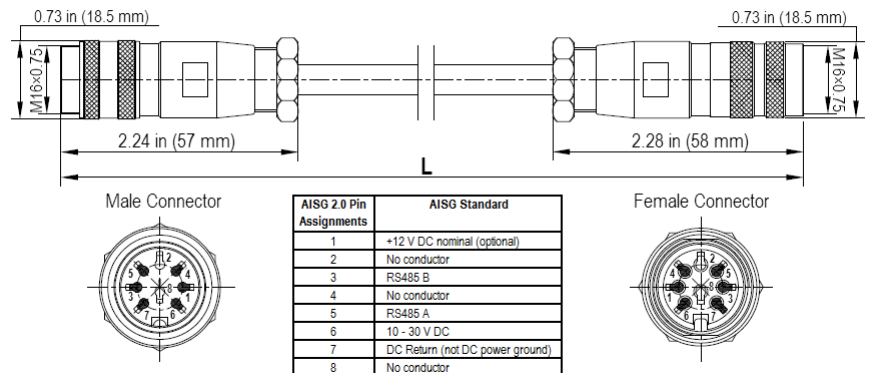
QPA-CBK2-AG-RRU

#### Electrical Specifications

<b>Individual Cable Part Number</b>	AISGC-M-F-18	AISGC-M-F-16FT
<b>Cable style</b>	UL2464	UL2464
<b>Protocol</b>	AISG 1.1 and AISG 2.0	AISG 1.1 and AISG 2.0
<b>Maximum voltage</b>	300 V	300 V
<b>Rated current</b>	5 A at 104° F (40° C)	5 A at 104° F (40° C)

#### Mechanical Specifications

<b>Individual Cable Part Number</b>	AISGC-M-F-18	AISGC-M-F-16FT
<b>Cables per kit</b>	1	1
<b>Connectors</b>	2 x 8 pin IEC 60130-9 Straight male/straight female	2 x 8 pin IEC 60130-9 Straight male/straight female
<b>Tightening torque</b>	Hand tighten only $\approx$ 1.84 ft-lbs (2.5 N-m)	Hand tighten only $\approx$ 1.84 ft-lbs (2.5 N-m)
<b>Construction</b>	Shielded (Tinned Copper Braid)	Shielded (Tinned Copper Braid)
<b>Braid coverage</b>	85%	85%
<b>Jacket Material</b>	Matte Polyurethane (Black)	Matte Polyurethane (Black)
<b>Conductors</b>	1 twisted pair - 24 AWG 3 conductors - 19 AWG AWM style 2464	1 twisted pair - 24 AWG 3 conductors - 19 AWG AWM style 2464
<b>Cable Diameter</b>	0.307 in (7.8 mm)	0.307 in (7.8 mm)
<b>Length</b>	18 - 20 in (457 - 508 mm)	196 in (5 m)
<b>Weight</b>	0.27 lbs (0.12 kg)	0.69 lbs (.31 kg)
<b>Minimum bend radius</b>	3.9 in (100 mm)	3.9 in (100 mm)



AISG-Male to AISG-Female Jumper Cable

#### Environmental Specifications

<b>Individual Cable Part Number</b>	AISGC-M-F-18	AISGC-M-F-16FT
<b>Temperature Range</b>	-40° to 80° C	-40° to 80° C
<b>Flammability</b>	UL 1581 VW-1	UL 1581 VW-1
<b>Ingress Protection</b>	IEC 60529:2001, IP67	IEC 60529:2001, IP67



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ORDERING

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Parts & Accessories

Kit Part Number	QPA-CBK2-AG-RRU
Number of Cables	2
Overall Length	214 in (4986 mm)
Overall Weight	1.8 lbs (0.82 kg)