



# Antennas

DATA SHEET

AISG Cable Kit

KUE-CBK-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 Four RET antenna to remote radio unit (RRU) AISG Cable Kits provides all the required cables for the successful deployment of CCI's HBSA65R-KUE9A antenna with four 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 KUE Hybrid Bi-Sectors high band ports and low band ports can be configured in several ways. Depending on your requirements, a single RRU can be designated as the AISG controller whereby it controls both the high band ports and low band ports of the antenna. Another configuration will allow a low band RRU to control the low band antenna ports and a high band RRU to control the high band ports of the antenna. The AISG cable kit provides all the necessary cables to enable both of the above configurations. The 10 foot (3048 mm) AISG cables enable connection from the RRU to the antenna, while the 34" (864 mm) AISG cables are for daisy chaining between the RET actuators.



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## SPECIFICATIONS

### AISG Cable Kit

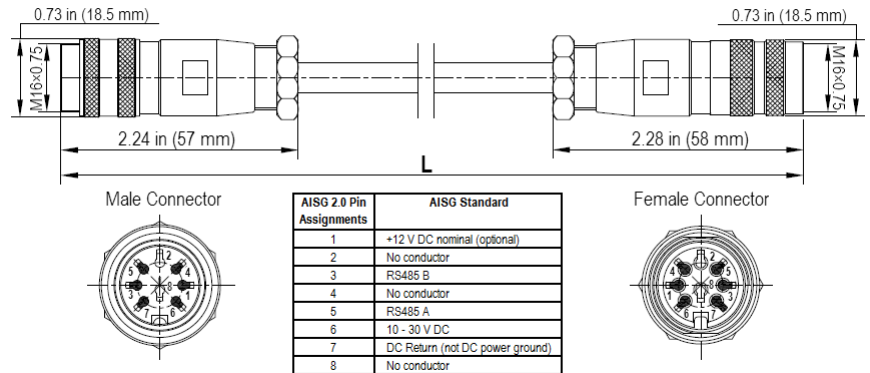
KUE-CBK-AG-RRU

#### Electrical Specifications

|                                     |                       |                       |
|-------------------------------------|-----------------------|-----------------------|
| <b>Individual Cable Part Number</b> | AISGC-M-F-34          | AISGC-M-F-10FT        |
| <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-34   | AISGC-M-F-10FT   |
| <b>Cables per kit</b>               | 3  | 2  |
| <b>Connectors</b>                   | 2 x 8 pin IEC 60130-9<br>Straight male/straight female             | 2 x 8 pin IEC 60130-9<br>Straight male/straight female             |
| <b>Tightening torque</b>            | Hand tighten only ≈ 1.84 ft-lbs (2.5 N-m)                          | Hand tighten only ≈ 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<br>3 conductors - 19 AWG<br>AWM style 2464 | 1 twisted pair - 24 AWG<br>3 conductors - 19 AWG<br>AWM style 2464 |
| <b>Cable Diameter</b>               | 0.307 in (7.8 mm)  | 0.307 in (7.8 mm)  |
| <b>Length</b>                       | 34 in (864 mm)   | 120 in (3048 mm)   |
| <b>Weight</b>                       | 0.33 lbs (0.15 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-34         | AISGC-M-F-10FT       |
| <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 |



# Antennas

ORDERING

AISG Cable Kit

KUE-CBK-AG-RRU

Parts & Accessories

|                  |                  |
|------------------|------------------|
| Kit Part Number  | KUE-CBK-AG-RRU   |
| Number of Cables | 5                |
| Overall Length   | 342 in (8687 mm) |
| Overall Weight   | 2.4 lbs (1.1 kg) |