



Antennas

AISG Cable Kit

CBK-AG-RRU-001

DATA SHEET



- AISG 1.1 and 2.0 compliant control cables
- Offset keying for right angle 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 Two RET antenna to remote radio unit (RRU) AISG Cable Kits provides all the required cables for the successful deployment of CCI's models that have larger Remote Electrical Tilt (RET) actuators spacing then normal. All of the control cables included in the kit are AISG 1.1 and AISG 2.0 compliant.

AISG control 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 AISG cables enable connection from the RRU to the antenna, while the 27" AISG cable are for daisy chaining between RET actuators.



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SPECIFICATIONS

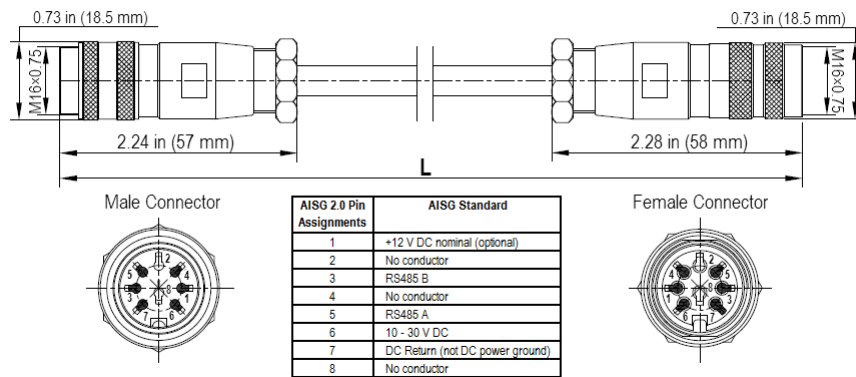
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Electrical/Mechanical/Environmental Specifications

| | RET to RET Cables | RRU to Antenna Cables |
|------------------------------|--|-----------------------|
| Individual Cable Part Number | AISGC-M-F-27 | AISGC-M-F-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 ≈ 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 Straight male/straight female | |
| Length | 27 in (686 mm) | 120 in (3048 mm) |
| Weight | 0.33 lbs (0.15 kg) | 0.69 lbs (0.31 kg) |
| Cables per kit | 1 | 2 |

Mechanical Specifications



AISG-Male to AISG-Female Jumper Cable



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ORDERING

AISG Cable Kit

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Parts & Accessories

| | |
|------------------|------------------|
| Kit Part Number | CBK-AG-RRU-001 |
| Number of Cables | 3 |
| Overall Length | 267 in (6782 mm) |
| Overall Weight | 1.7 lbs (0.8 kg) |