

**FEATURES / BENEFITS**

- Outdoor signal cable
- AISG connection between tower mounted amplifier antenna control unit
- AISG connection between bias tee and control network interface.
- The cable length is 0.3-100 meters.
- The cable is equipped with AISG male – female connectors.
- Connector A: 8-pin DIN Female IEC60130-9
- Connector B: 8-pin DIN Male IEC60130-9



**Technical features**

**ELECTRICAL SPECIFICATIONS**

Electrical Specification Header		General Specification
Protocol	-	AISG 2.0
Product Type	-	AISG Cable
Rated Voltage	V	250
AISG Connector	-	8-pin DIN Female/Male
AISG Connector Standard	-	IEC 60130-9
Wire Gauge #1	mm <sup>2</sup>	0.75 (Approx. 18AWG)
Wire Gauge #2	mm <sup>2</sup>	0.25 (Approx. 24AWG)
Diameter Over Jacket	mm	7.8+/-0.35
Color	-	Black
Ingress Protection	-	IP 67

**ELECTRICAL SPECIFICATIONS**

Electrical Specification Header		Environmental Specification
Operating Temperature	C Deg (F Deg)	-40 to 70 (-40 to 158)
Relative Humidity	%	Up to 100
Ingress Protection	-	IEC 60529:2001, IP67
Climatic Sequence	-	IEC 60068-2-14
Corrosion Test	-	IEC 60068-2-11
UV Resistance	-	IEC 60068-2-5

**ELECTRICAL SPECIFICATIONS**

Electrical Specification Header		Length and Weight	
Model Name	Unit	Length (m)	Net Weight (kg)
CA003-7	PC	0.3	0.11
CA005-7	PC	0.5	0.13
CA010-7	PC	1.0	0.17
CA015-7	PC	1.5	0.22
CA020-7	PC	2.0	0.26
CA030-7	PC	3.0	0.35
CA040-7	PC	4.0	0.44
CA050-7	PC	5.0	0.53
CA060-7	PC	6.0	0.62
CA090-7	PC	9.0	0.89
CA100-7	PC	10.0	0.98
CA120-7	PC	12.0	1.19
CA150-7	PC	15.0	1.43
CA200-7	PC	20.0	1.88
CA300-7	PC	30.0	2.78
CA400-7	PC	40.0	3.68
CA500-7	PC	50.0	4.58
CA600-7	PC	60.0	5.48
CA700-7	PC	70.0	6.38
CA800-7	PC	80.0	7.28
CA1000-7	PC	100.0	9.08

Pin Number	Signal Description	Wire Gauge
1	+12V DC nominal	0.75mm2 (APPROX. 18AWG)
2	-48V DC nominal	Not Connected
3	RS485 B	0.25mm2 (APPROX. 24AWG)
4	RS485 GND	0.75mm2 (APPROX. 18AWG)
5	RS485 A	0.25mm2 (APPROX. 24AWG)
6	10V-30V DC	0.75mm2 (APPROX. 18AWG)
7	DC Return	0.75mm2 (APPROX. 18AWG)
8	Not Connected	Not Connected

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