

CAxxx-7 Series

Features

- Outdoor signal cable
- AISG connection between tower mounted amplifier and 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



ELECTRICAL SPECIFICATIONS

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 ²	0.75 (Approx. 18AWG)
Wire Gauge #2	mm ²	0.25 (Approx. 24AWG)
Diameter Over Jacket	mm	7.8 ± 0.35
Color	---	Black
Ingress Protection	---	IP 67

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	Degrees	-40° to +70° C (-40° F to +158° F)
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

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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ORDERING OPTIONS

Model Number	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	0.75mm ² (Approx. 18AWG)
2	-48V DC Nominal	Not Connected
3	RS485 B	0.25mm ² (Approx. 24AWG)
4	RS485 GND	0.75mm ² (Approx. 18AWG)
5	RS485 A	0.25mm ² (Approx. 24AWG)
6	10V-30V DC	0.75mm ² (Approx. 18AWG)
7	DC Return	0.75mm ² (Approx. 18AWG)
8	Not Connected	Not Connected

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