



Antenna Line Configurator (ALC)

86010158

- AISG 2 / AISG 3
- HDLC-logging feature
- High-resolution display
- Wi-Fi and USB interface



ericsson.com/antenna-system

Antenna Line Configurator

Type No.		86010158	
Connector* to RCU/TMA		1 x 8-pin connector according to IEC 60130-9, female, conforming to AISG RF-connector (SMB male)	
Input voltage of ALC		24 V DC	
Display		High-resolution display, sunlight visible	
Tiltensor		Measuring range $\pm 80^\circ$, accuracy $\pm 1^\circ$	
Output voltage to RCU's/TMA's		AISG female pin 6: 24 \pm 1 V DC	RF-plug: 24 \pm 1 V DC
Output power (power supply to RCU's/TMA's)		RF-plug + AISG female pin 6 \leq 15 W	
Current monitoring measurement level		AISG female pin 6, RF-plug: 10 – 650 mA	
Over-current protection		AISG female pin 6, RF-plug: < 650 mA	
Interface to RCU/TMA		RS 485 / power supply / RF connector (SMB male)	
Protocol to RCU/TMA		HDLC hex-coded command set, conforming to 3GPP / AISG 2 and AISG 3	
Interface		W-LAN (802.11g), USB 2.0	
Max. number of RCU's/TMA's		9/1 pcs., depending on system configuration and length of control cable	
Max. length of control cable		200 m / 9 RCU's (in daisy chain configuration) 150 m / 6 RCU's (in splitter configuration)	
Internal memory	MB	512	
Weight	kg lb	1 2.2	
Protection class		IP 54	
Temperature range (operating)	$^\circ\text{C}$	-20 ... +45 ambient temperature	
Temperature range (charging)	$^\circ\text{C}$	10 ... +40 ambient temperature	
Dimensions (H x W x D)	mm in	265 x 102 x 37 10.4 x 4.0 x 1.5	
Packing size	mm in	405 x 290 x 105 15.9 x 11.4 x 4.1	
Power supply		LiPo-battery (16.6 V, > 1850 mAh)	

* Tightening torque for fixing the connector must be 0.5–1.0 Nm ('hand-tightened').
The connector should be tightened by hand only!

Please Note:

The user manual can be downloaded from our website: www.ericsson.com/antenna-system

Certificate:

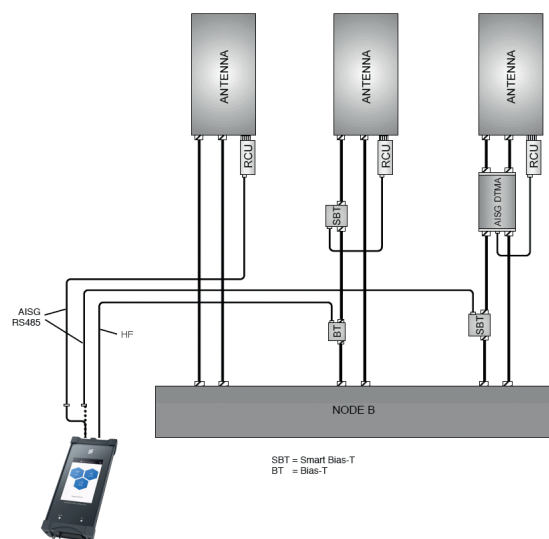
CE
FCC
UL (for external power adapter)

Standards:

EN 60950-22
EN 62368-1
EN 62479
EN 50581
ETSI EN 301489-1
ETSI EN 301489-17
ETSI EN 300328 2.1.1

Scope of supply:

ALC
Charging device (can also be used as external power supply)
USB cable
RET cable
HF cable (SMB / 7-16)
Transport case
Screen cover



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