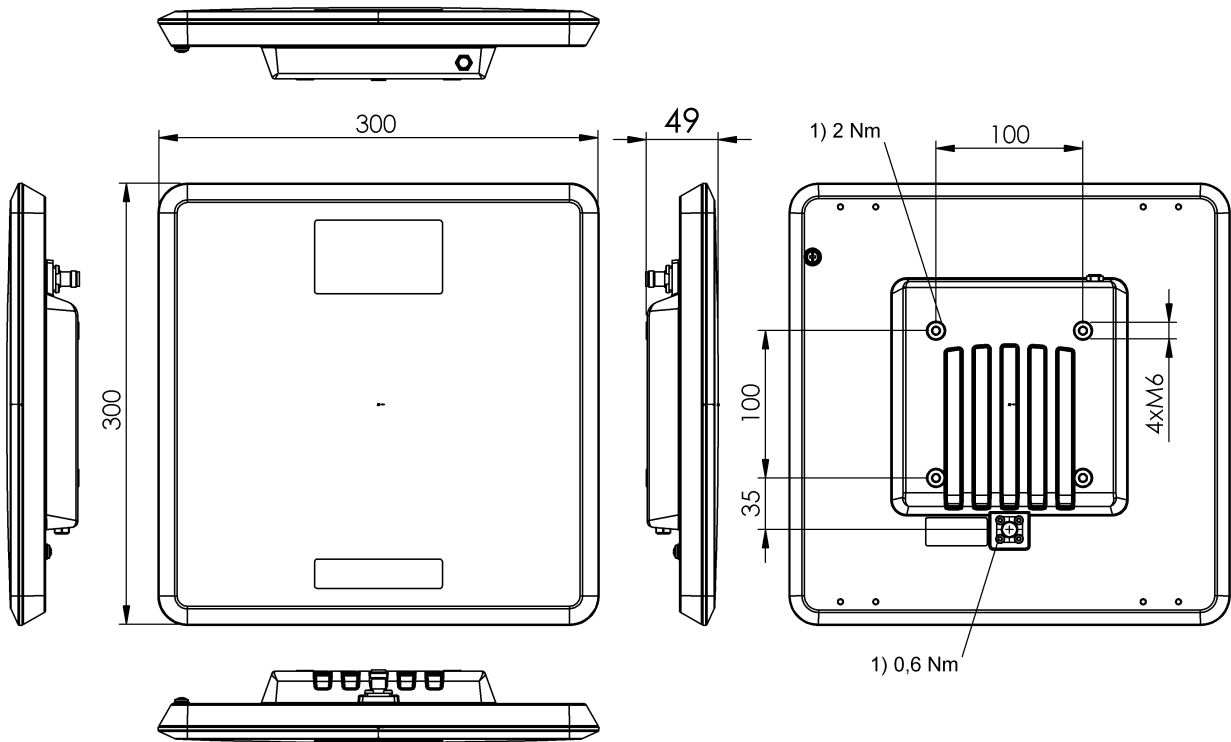


UHF (860...960 MHz)
BIS U-303-C1-TNCB
 Order Code: BIS01AY

BALLUFF



1) Tightening torque



Basic features

Approval/Conformity	FCC WEEE
Principle of operation	Antenna

Electrical connection

Connection	TNC-Female
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Electrical data

Antenna gain	8.5 dBic
Antenna impedance	50 Ohm
Front-to-back ratio	≥ 18 dB
Permissible radiated power	FCC 15.247 +36 dBm EIRP
Polarization	right hand circular
VSWR (voltage standing wave ratio)	≤ 1.2:1
Working frequency	902...928 MHz

Environmental conditions

Ambient temperature	-20...55 °C
Continuous shock load	yes
EN 60068-2-27, Shock	yes
EN 60068-2-6, Vibration	yes
IP rating	IP67
Storage temperature	-40...85 °C

Functional safety

MTTF (40 °C)	50 a
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Material

Housing material	Aluminium, Antenna hood: Polymer blend
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Mechanical data

Dimension	300 x 49 x 300 mm
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Range/Distance

Axial ratio

typ. 1 dB

Opening angle min.

65°

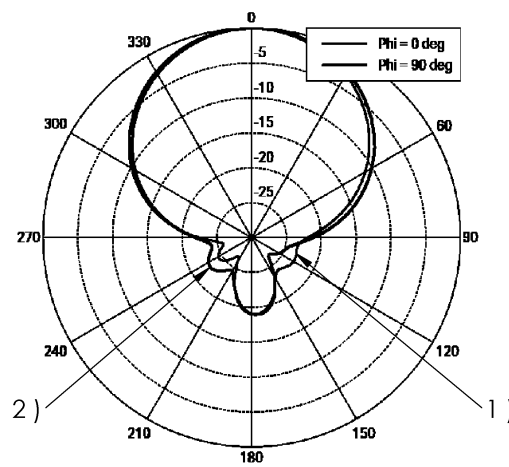
Remarks

When installing, the technical standards and regulations of the corresponding countries must be observed.

For more information about MTTF and B10d see MTTF / B10d Certificate

Indication of the MTTF- / B10d value does not represent a binding composition and/or life expectancy assurance; these are simply experiential values with no warranty implications. These declared values also do not extend the expiration period for defect claims or affect it in any way.

Technical Drawings



- 1) Radiation diagram horizontal
- 2) Radiation diagram vertical