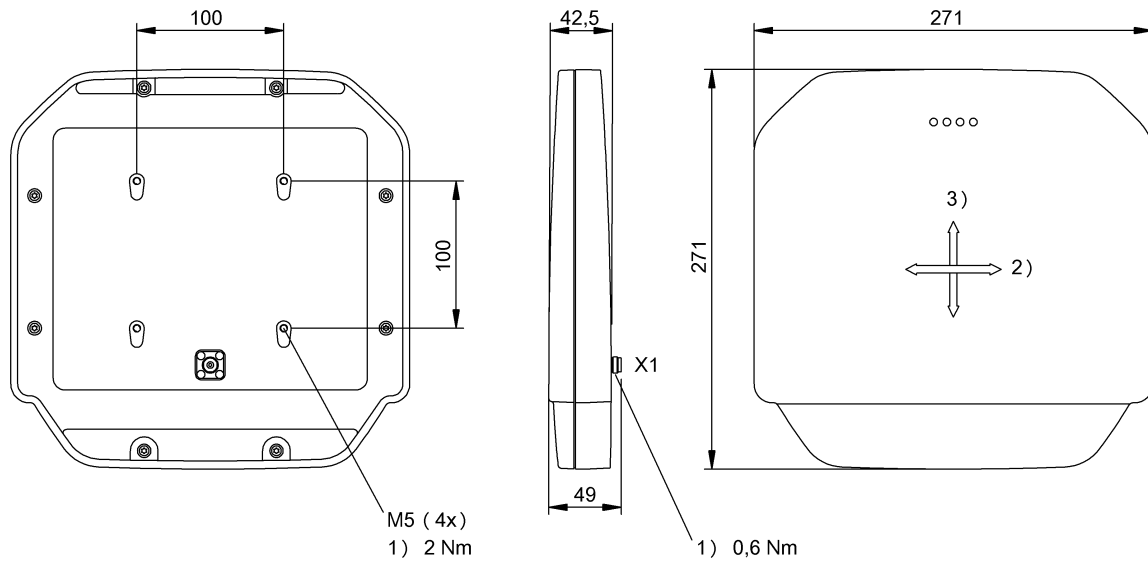


UHF (860...960 MHz)  
**BIS U-302-C0-TNCB**  
 Order Code: BIS00TZ

# BALLUFF



1) Tightening torque, 2) horizontal, 3) vertical

## Basic features

Antenna type	Patch
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	ETSI EN 302208 ≤ 2 W ERP
Polarization	circular
VSWR (voltage standing wave ratio)	≤ 1.2:1
Working frequency	865...868 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	IP65, with connector
Storage temperature	-40...85 °C

## Material

Housing material	Aluminum, Antenna hood: Polymer blend
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## Mechanical data

Application weight	1700.00 g
Dimension	271 x 42.5 x 271 mm

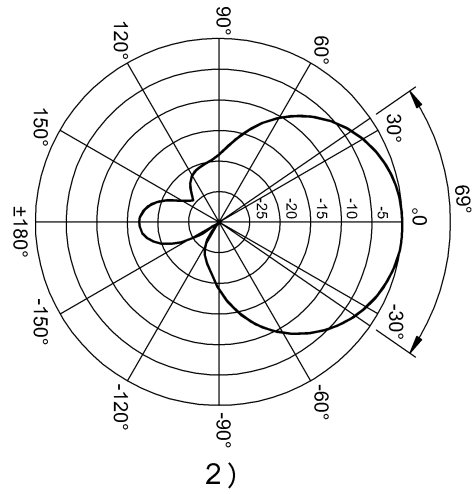
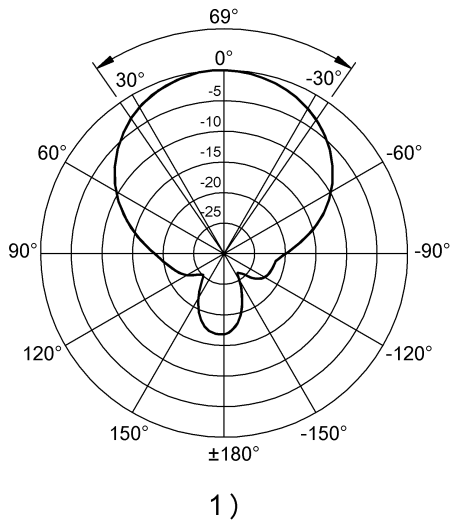
## Range/Distance

Axial ratio	typ. 1 dB
Opening angle min.	69° x 69°

## Remarks

When installing, the technical standards and regulations of the corresponding countries must be observed.  
 Values are under rated conditions unless otherwise specified.  
 For basic equipment: Accessories see [www.balluff.com](http://www.balluff.com)

Technical Drawings



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