



# NORDIC ID MUX16



Nordic ID MUX16 extends the RFID reading zones of the Nordic ID FR22, from 4 to 16. Nordic ID MUX16 is fully integrable with Nordic ID FR22 working as one piece without any additional cables.

## RF FEATURES

|                        |                             |
|------------------------|-----------------------------|
| Frequency band         | Wide band 865 MHz – 928 MHz |
| RF ports               | 16 pcs                      |
| Connector type         | RP-SMA                      |
| Maximum insertion loss | 1 dB                        |

## POWER AND DATA OVER COAX

|                        |         |
|------------------------|---------|
| Voltage levels         | 3V - 6V |
| Maximum output current | 1mA     |
| Number of states       | 4 pcs   |

## SIZE AND WEIGHT

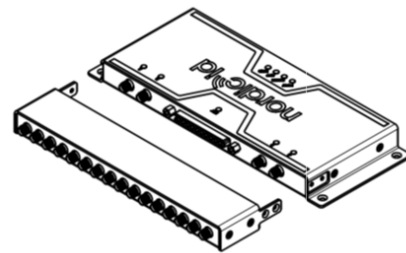
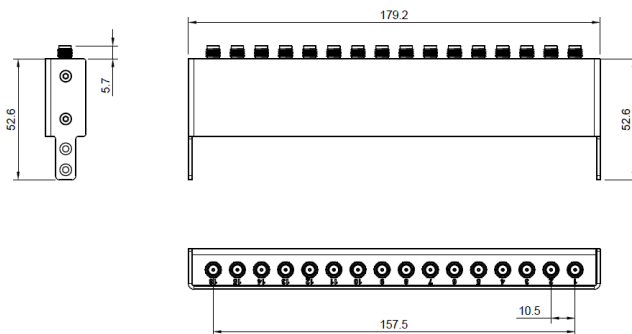
|            |   |
|------------|---|
| Dimensions | (W) 179.2 x (L) 52.6 x (H) 17.6 mm / (W) 7.05 x (L) 2.07 x 0.7 inch |
| Weight     | 260 gr / 9.17 oz  |

## ENVIRONMENT

|                       |                                |
|-----------------------|--------------------------------|
| Operating Temperature | -20°C to 55°C (-4°F to 130°F)  |
| Storage Temperature   | -40°C to 85°C (-40°F to 185°F) |
| Environmental Sealing | IP20                           |

All information is subject to change without prior notice.

\*Depending on environment lighting condition and reflectivity of the object in question



## PRODUCT HIGHLIGHTS

- Very low losses providing better overall efficiency.
- Unique power + data interface over coax.
- LEDs to indicate enabled antennas.
- Fully integrable with Nordic ID FR22.
- Ready to use with NUR API.

## SUITABLE APPLICATION AREAS

- Smart shelves
- RFID gates
- RFID tunnels