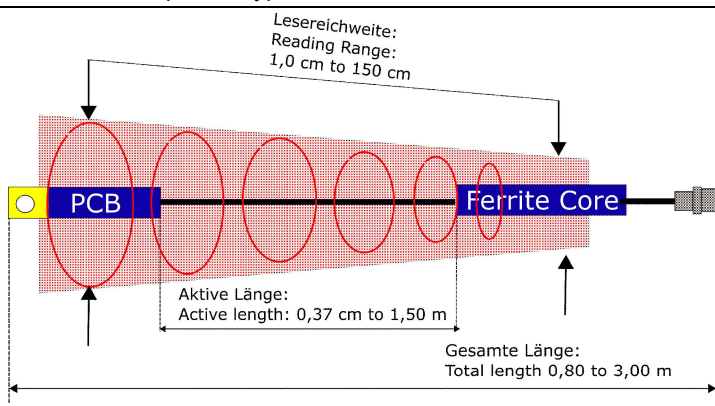


## Technical Data

| Technical Data      |                                                                                                                                                     |                |                |                |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------|
| Spezifikation       |                                                                                                                                                     |                |                |                |
| Description         | UHF RFID Antenna<br>Traveling wave antenna                                                                                                          |                |                |                |
| Reading Range*      | 1 cm - 150 cm / (Typical value 10 cm bis 150 cm)                                                                                                    |                |                |                |
| Active Length       | 0,370 m                                                                                                                                             | 1,0 m          | 2,0 m          | 2,0 m          |
| Total Length        | 0,8 m                                                                                                                                               | 1,5 m          | 2,5 m          | 3,0 m          |
| Diameter            | Ø Cable 2,8 mm                                                                                                                                      | Ø Cable 2,8 mm | Ø Cable 2,8 mm | Ø Cable 5,0 mm |
| Installation Option | 2D / 3D                                                                                                                                             |                |                |                |
| Connector           | SMA socket (male)                                                                                                                                   |                |                |                |
| Reading Range       | Depending on: <ul style="list-style-type: none"><li>• Cable length</li><li>• Cable type</li><li>• Reader power</li><li>• Transponder type</li></ul> |                |                |                |
| Radiation Character |                                                                  |                |                |                |
| Polarisation        | Linear                                                                                                                                              |                |                |                |
| VSWR                | <1,8:1                                                                                                                                              |                |                |                |
| Temperature         | -20°C up to +65°C                                                                                                                                   |                |                |                |
| Elektrical Data     |                                                                                                                                                     |                |                |                |
| Impedance           | 50 Ω                                                                                                                                                |                |                |                |
| Operating Frequency | 865 MHz up to 868 MHz (EU), (UK)<br>902 MHz up to 928 MHz (FCC)                                                                                     |                |                |                |
| Antenna Gain        | -7 dBi                                                                                                                                              |                |                |                |

\* Depending on the transponder used, antenna variant and reader