

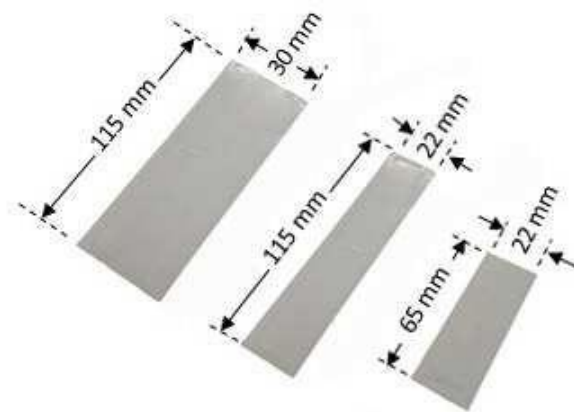
UHF Label Tag

Product Code: U163XX10

Label Tag is the UHF Gen2 long range passive tag. It is ideal for Pallet Tracking. Also, can be used for any other off-metal application like plastic, cardboard, Carton boxes tracking & identification etc



Tag Dimensions



Electrical Specifications

| | | | |
|---------------------------|---|--|---|
| Air Interface Protocol | ISO/IEC 18000-6C, EPC Global C1G2 | | |
| Operational Frequency | 860 – 960 MHz | | |
| Chip** | Alien Higgs-3 | | |
| Memory Configuration | EPC–96 bits, extendible to 480bits | | |
| | TID – 96 bits unalterable unique | | |
| | User memory – 512 bits | | |
| | Access password – 32 bits | | |
| | Kill password – 32 bits | | |
| Dimensions | 115 x 30 mm | 115 x 22 mm | 65 x 22 mm |
| Product Code | U1632710 | U1631510 | U1630510 |
| Antenna used | O9654 | O9640 | O9610 |
| Read Range* | 10-11 m on Fixed reader with Linear Antenna | 9-10 m on Fixed reader with Linear Antenna | 7-8 m on Fixed reader with Linear Antenna |
| Operating temperature | -40°C to +85°C | | |
| Storage temperature | -40°C to +85°C | | |
| Ingress protection rating | IP65 | | |
| Attachment*** | Self Adhesive | | |

Physical and Mechanical Specification

| | | | |
|-------------------|--------------------|-------------|------------|
| Dimensions | 115 x 30 mm | 115 x 22 mm | 65 x 22 mm |
| Weight | 1.98 g | | |
| Thickness | 0.7 mm | | |
| Encasement | PET | | |
| Quality Assurance | 100% reader tested | | |

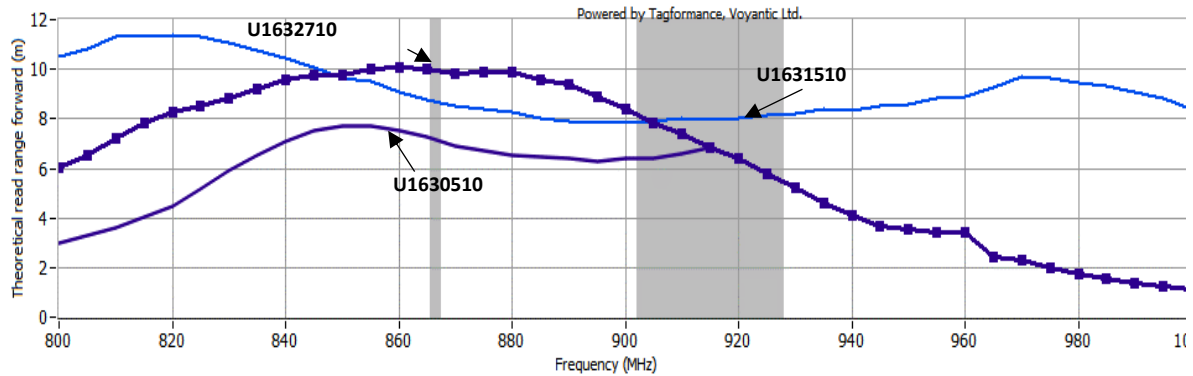
Chemical Resistance

Resistant to continuous exposure to salt water for 2 hours

Resistant to continuous exposure to motor oil for 2 hours

Additionally, abrasion resistant against HCL and IPA

Linear Frequency Graph



Additional Services

| | |
|------------------|---------------------------------|
| Pre-encoding | On request |
| Customization*** | Logo / text printing on request |

Order Information

| | |
|----------|---|
| U136XX10 | With Alien higgs-3 chip tuned at Global frequency |
| U163XX12 | With Alien higgs-4 chip tuned at Global frequency |

- * Actual read range may vary depending upon the reader
- ** Other on request
- *** Available as an option at extra cost

Omnia Technologies Pvt. Ltd.

Corporate Office
Plot No. 145, Udyog Vihar Phase 1, Gurugram, Haryana-122016, INDIA

Manufacturing Unit

Plot No. 68, Sector-5, IMT Manesar, Gurugram, Haryana-122050, INDIA | +91(124)4366174, 4366411,+91(124)4366410 (Fax)