

# UHF RFID HARSH-TAG-150W

## Tag-on-metal



PREMO RFID Components HARSH-TAG-150W provides a reliable solution in UHF band radio frequency identification field. Its design allows high reading performance even over metallic objects.

Plastic enclosure comply IP68 and is resistant to conditions present in industrial and outdoor environments (dust, rain, vibration, etc.).

The tag inside is fully EPC Gen 2 compatible, with 96 bits of free memory for user data.

### Typical applications

- Reusable plastic containers (RPC)
- Wood or Metal cages
- Pallets and Unit Loading Devices (ULD)
- Vehicles
- Tractors and Trailers

### Frequency of operation

- 866 MHz to 954 MHz (Global).

### Dimensions (mm) and weight

- 148 x 33 x 15 (lxwxh)
- 65 gr.

### Protocol and memory

- EPC Class1 Gen 2.
- Others protocols under demand.
- 96 bits of memory.

### Mounting methods

- Screws of up to #4.
- Standard rivets.
- Double-side adhesive strips.

### Enclosure material

- Polyamid PA6.

### Read Range Performance (2W ERP)

- >5 metres (on non-metal surfaces).
- $\cong$  2.5 metres (on metal surfaces)<sup>1</sup>.

### Operation temperature

- -40°C to +65°C.

### Environmental and safety information

- IP68 water-resistant.
- UL94 V-0 flame-resistant.

<sup>1</sup> Depending on power output of the reader and environmental factors.

