



POLYCHEM UV/EB INTERNATIONAL CORP.

High Performance UHF RFID Gen 2 Metal Label

PLC-2 UHF Gen 2 High Performance Label for Metals



Size: L40 x W25 mm x T 0.7 mm

Description:

This UHF RFID label is made with a special dielectric material that allow the label to be read on metal objects while other conventional UHF RFID label cannot. The size is small and can fit on most objects. It provides exceptional wide reading spam of angle and read range from reader.

The tag is based on the EPC global Generation 2 specification with 512 bits of user programmable EPC memory field with Read, Write and Lock capabilities.

Applications: supply chain management, asset management, container, pallet and case tracking, warehouse management, and logistics applications.

Specifications:

RF Protocol: Texas Instruments EPC Gen 2 ISO 18000-6C

Operating Radio Frequency: 860 - 960 MHz

Read Range (on steel plate) @RF Power 30dB (4W):	0.5- 0.7 meter (Typical Value)
Label Surface	PET or Paper
Antenna Substrates	UV Silver Conductive Ink
Operating Mode:	Passive
Operation Temperature:	-20°C to +85 °C
Storage Temperature:	-40°C to +65 °C
Storage and Operation Humidity:	30- 80% RH
Data Retention	10 years at + 65°C
Delivery Package:	1,000 pcs / box

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