

STA-A01 ON METAL UHF TAG



Features: **Features:** STA-A01 is a UHF Gen2 long range passive tag. It is ideal for deployment in rugged and harsh environments and it gives excellent performance on metallic objects & plastic. This tag operates effectively with read range of over 10m when attached on metal. Rugged construction for high durability Attaching Mechanism: Riveting/Screws/Adhesive Magnetic attachment methods is also available (as per request)

Application: **Application:** Due to high read range, this can be effectively used in asset tracking, Ware house management, Containers and Railway Coaches. Factory automation, Automotive & Security purpose.

Chemical Resistance: Six-hour Salt water exposure, Six-hour Motor oil exposure, Good exposure resistant against HCL, MEK, IPA

Options Available: Other IC type on request, other plastic material and colors e.g. PC/ABS, Adhesive backing for easy mounting, Pre encoding: On request, Customization: Logo/text printing on request

Note: Actual read range may vary depending upon the reader power and environmental factors.

SPECIFICATIONS

Air Interface Protocol: EPC Global UHF Class 1 Gen 2 (ISO 18000-6C)

Operating Frequency: Global (860-960 MHz)

IC Type: Impinj Monza 4D/R6P/Alien Higgs3

Memory: EPC 96bits/128 bits, User 32 bits/512bits

EPC Memory Content: Not guaranteed unique

Max Read Distance: > 8 m (32 ft).

Applicable Surface Materials: ON METAL

Tag Form Factor: BAR FORMAT

Tag Materials: ABS

Attachment Method: Riveting/Screws/Adhesive Magnetic/Tie

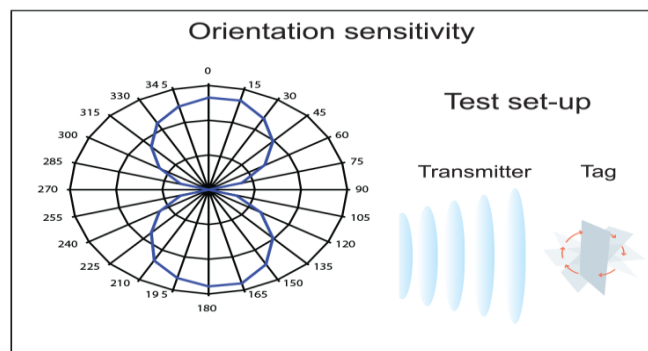
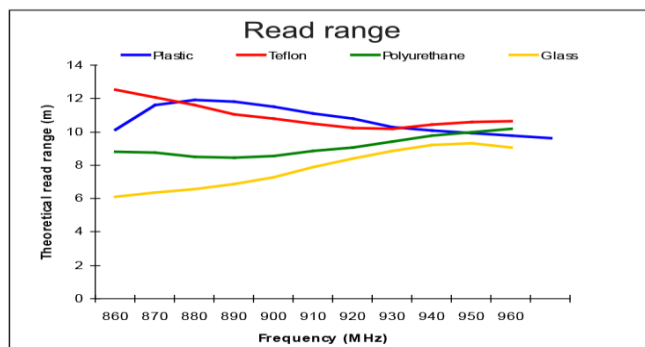
Dimensions: 76 X 21 X 13 mm

Weight: 12 ± 5 G

ENVIRONMENT: ON AIR

Operating Temperature: -40° to +85°C (-40° to +185°F)

ORIENTATION - LINEAR POLARIZATION : HORIZONTAL TAG



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