

P I D - X - 4 5

The **PID-X-45** is a wide band **EPC CLASS 1 GEN 2** is a multipurpose tag having excellent read performance which makes its useful in various applications including Asset Tracking and Event Management.



GENERAL SPECIFICATIONS

Frequency	FCC: 902-928 MHz ETSI: 865-868 MHz ASIA: 950-956 MHz
Protocol	EPC Class 1 Gen 2: ISO 18000-6C
Antenna Size	94 mm x 3.05 mm
Label Size	99 mm x 8.15 mm (Also Customizable)
Available Formats	Wet Inlays/Paper Label/Polyester Label

RFID CHIP SILICON

TAG SILICON	ALIEN HIGGS 3	ALIEN HIGGS 4
Protocol	EPC Class 1 Gen 2	EPC Class 1 Gen 2
Operating Frequency	860 – 960 MHz	860 – 960 MHz
EPC Memory	Up to 480 bits	128 bits
User Memory	512 bits	128 bits
Operating temperature	-50°C / +85°C (-58°F / +185°F)	-50°C / +85°C (-58°F / +185°F)

PRODUCT CHARACTERISTICS

	ADHESIVE LABEL
Antenna Material	Aluminium/Silver Ink
Front Face Material	White TT Printable label White TT Printable Plastic
Adhesive	Solvent-free permanent acrylic adhesive
Final inspection	100% tested; defective tags marked

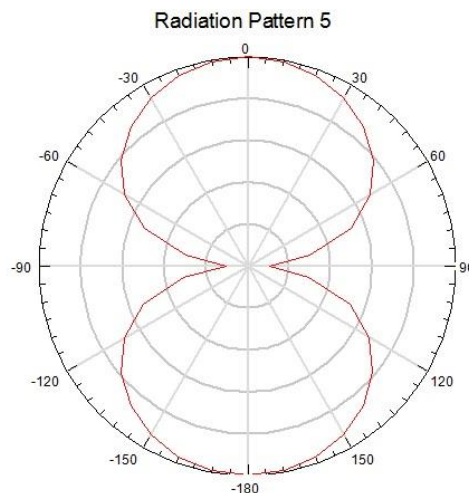
DELIVERY CONDITIONS

	ADHESIVE LABEL
Packaging	Roll
Core inner diameter	76 mm
Roll outer diameter	200 mm
Unwinding direction	Labels on outside of roll
Standard roll size	5000 pcs
Minimum order quantity	One roll

APPLICATIONS

- Asset Tracking
- Event Management

RADIATION PATTERN FOR PID-X-45



(Relative Read Range vs. Orientation)