

Overview

Frequency Band

860MHz-960MHz

Chip

Impinj M830

Antenna Dimensions

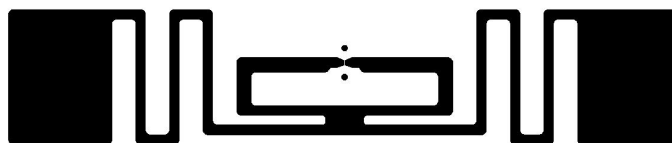
14x70mm/0.551x2.756

International Standard

ISO/IEC 18000-63 Type C

Applications

Apparel

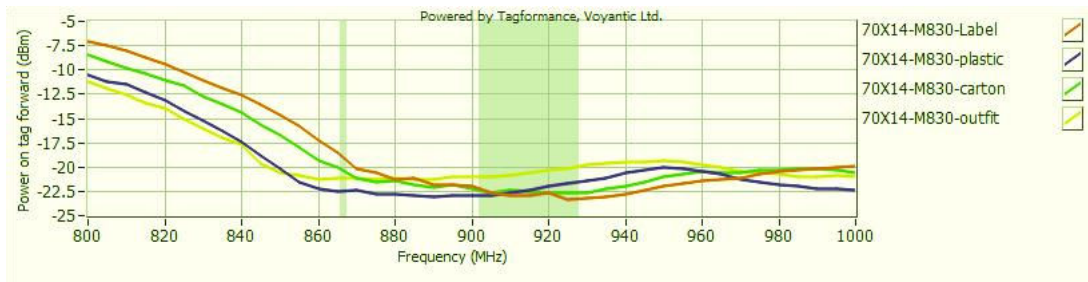


This antenna is designed for Apparel applications. Its high efficiency and excellent performance make it widely used in Apparel field. Using RFID technology to help the fashion industry brands in supply chain management, retail management and the enterprise internal management to achieve rapid scanning and reading, and then implement products from raw materials to semi-finished products, finished products, transportation, warehousing, distribution, merchandising, sales, and even return of real-time monitoring, safe and reliable management mode is established.

Technical Features

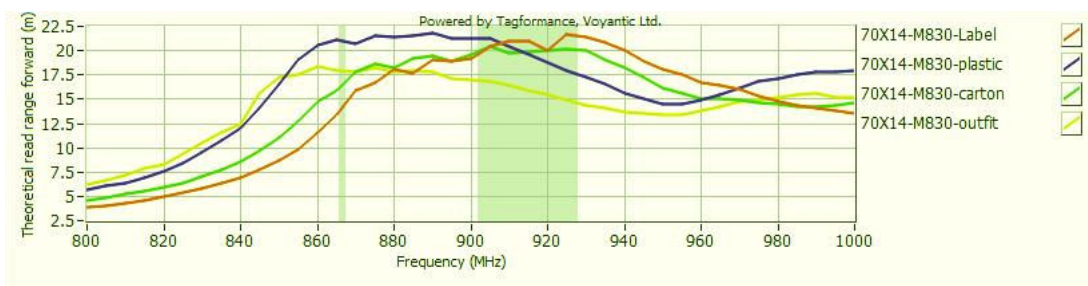
Model			
Delivery Format	Dry Inlay	Wet Inlay	Label
EPC Memory	128Bits	128Bits	128Bits
User Memory	0Bits	0Bits	0Bits
Die-cut Dimension	-	73*20mm	73*20mm
Inlay Substrate	50um PET	50um PET	50um PET
Standard Pitch	22.225mm	22.225mm	22.225mm
Web Width	82mm	82mm	85mm
Core Size	76.2mm/3inch	76.2mm/3inch	76.2mm/3inch
Quantity / Reel	10000 ± 300Pcs/Reel	2500 ± 2Pcs/Reel	2500 ± 2Pcs/Reel
Operating Temperature	-20°C to +50°C (20% to 80%RH)		
Remarks	Wet inlay and Label are regular sizes. Other sizes can be customized.		

Sensitivity



C

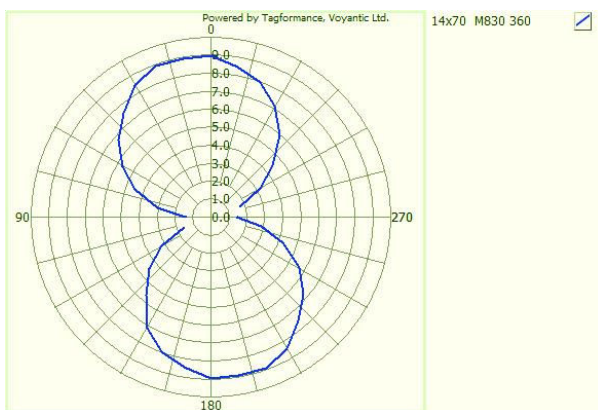
Read Range



Sensitivity&Read Rang Test power: 4W EIRP

For countries that allow 2W ERP, please reduce the result by 11%

Orientation sensitivity



All graphs are indicative: performance in real life applications may vary.