

Balance FM

Overview

Chip

FM13UF0051E

EPC

160bits

USER

32bits

Antenna Dimensions

44*20mm

Frequency Band

860MHz-960MHz

International Standard

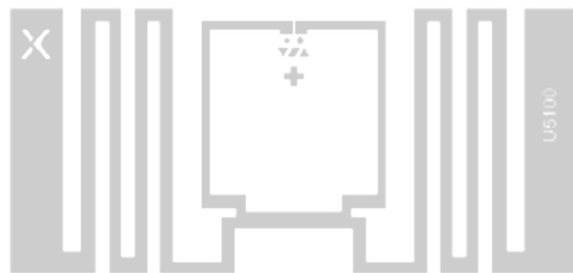
EPC global C1 Gen2 and ISO18000-6C

Industry Segments

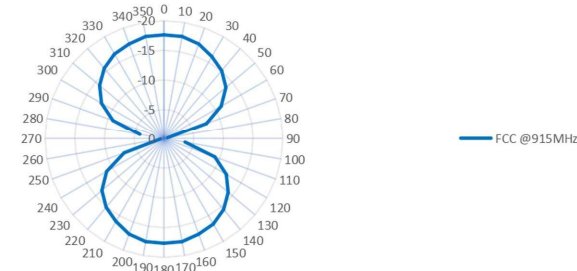
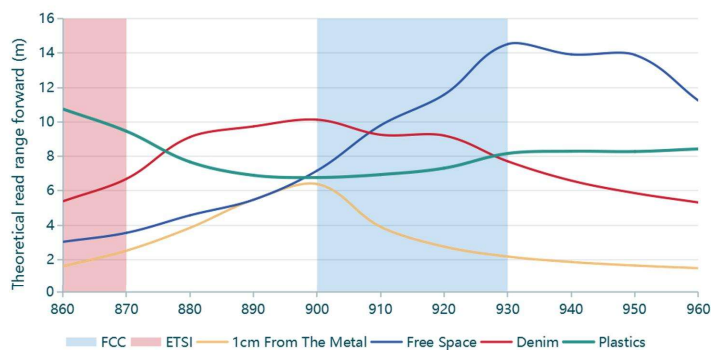
Apparel

Applications

Store Inventory



Balance FM uses Fudan Micro FM13UF0051E, which has 128-bit EPC memory and 32-bit user memory. Its size of 44*20mm is between 42*16 and 50*30mm, providing users with a more balanced choice of performance and size. It is suitable for various RFID tag applications, including supply chain, inventory and logistics, clothing and daily necessities.



Address

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Contact

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Technical features

	Dry	Wet	Paper-face
Product Code	CTU51001-514D	CTU51001-514W	CTU51001-514L
Antenna Size	44*20mm 1.73*0.79in	44*20mm 1.73*0.79in	44*20mm 1.73*0.79in
Finish Size	- -	47*23mm 1.85*0.91in	47*23mm 1.85*0.91in
Web Width	56mm 2.20in	53mm 2.09in	53mm 2.09in
Pitch	25.4mm 1.00in	25.4mm 1.00in	25.4mm 1.00in
Antenna Material	Aluminium	Aluminium	Aluminium
Front Face	-	PET Clear/PET White/Paper	Paper
Inlay Substrate	PET Clear/PET White/Paper	PET Clear/PET White/Paper	PET Clear/Paper
Inlay Adhesive	-	Permanent	Permanent
Liner	-	Paper	Paper
Operating Temperature	-20°C/50°C -4°F/+122°F	-20°C/50°C -4°F/+122°F	-20°C/50°C -4°F/+122°F
Shelf Life Time	@20% to 80% RH 2/2/1 years @+25°C/40%RH	@20% to 80% RH 1 years @+25°C/40%RH	@20% to 80% RH 1 years @+25°C/40%RH
Inlays/Roll	17000pcs	21000pcs	4500pcs
Rolls/Box	5	5	6

Technical features

	Dry	Wet	Paper-face
Inlays/Box	85000pcs	105000pcs	27000pcs
Box Size	240*240*365mm 9.45*9.45*14.37in	290*290*365mm 11.42*11.42*14.37in	360*360*285mm 14.17*14.17*11.22in
Box Gross Weight	14kg	24kg	8.5kg
Final Inspection	100% tested	100% tested	100% tested