








UHF CLASS 1 GEN 2 TAG SELECTION GUIDE

Free Air Tags

UHF Tag Free Air								
	Jewellery Tag	Windshield Tag	Pallet Tag	Flexi - Laundry Tag	Bend-it Tag	Wristband Tag Watch type	Ankle band Tag	Combi Wristband Tag
Dimension (in mm)	40 x 20 x 3	106 x 30 x 0.3	120 x 17 x 3	54 x 16 x 2.2	125.5 x 30 x 3	Housing 45.5 x 36.8 12.0 Total Length 257	Housing 45.1 x 40 x 13.5 mm Total Length 275	Housing 45.1 x 40 x 12.8 Total Length 233
Weight	2gms	0.8gms	5gms	1.8gms	13.3gms	23.5gms	23gms	26gms
Encasement	ABS	PP Label	PC	Silicon	TPU	Housing Material: ABS Strap material: TPU	Housing Material: ABS Strap material: Neoprene-Velcro	Housing Material: ABS Strap material: TPU
Frequency	860-928MHz	865-868MHz	860-960MHz	860-928MHz	860-960MHz	865-868MHz / 902-928MHz	UHF: 865-868MHz / 902-928MHz	UHF: 865-868MHz / 902-928MHz, HF: 13.56 MHz
Read Range	Upto 3 m (in free air)	Upto 8-10 m (on glass)	Upto 12 m (in free air)	Upto 8 m (in free air)	Upto 12 m (in free air)	Upto 3 m (over wrist)	Upto 4-6m (over ankle)	UHF: Upto 3m (overwrist). HF: Upto 80mm (overwrist).
IC Type	Higgs 4	Higgs 3	Higgs 3	Higgs 4	Higgs 3	Higgs 3	Higgs 3	UHF: Higgs 3 HF: ICode SLIX
IP rating	IP 68	IP 66	IP 67	IP 67	IP 68	IP 67	IP 67	IP 67
Operating Temperature	-40°C to +85°C	-20°C to +80°C	-40°C to +85°C	-40°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C
Storage temperature	-40°C to +85°C	-40°C to +100°C	-40°C to +85°C	-40°C to +120°C (+220C for 50Sec.)	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C	-25°C to +85°C
Attachement method	Thread / Adhesive	Adhesive	Screws / Rivets / Adhesive tape	Sewing	Screws / Rivets / Adhesive tape	Strap	Neoprene-Velcro strap	Strap with Clutch lock
Options	Other IC and Colour	-	Other IC, Colour	Other IC	Other IC, Colour	Other IC, Colour	Other IC, Colour	Other IC, Colour
Part No.	311Y2	367V2	320V2	321Y3	338V2	333V3	399V1	476Z1
Applications	Jewellery Tracking	Vehicle Tracking	Pallet Tracking, warehouse and distribution management	Laundry Application, Industrial asset tracking	Asset Tracking application (e.g. corrugated box and curved part made up of plastic and wood	Access control system and Hospital & event Management	Ideal for timing sports events such as marathon running, swimming, skiing and skating etc.	Access control system and Hospital & event Management