



F1 U	UHF	Global 840-960 MHz	68x45x10	Cable-Ties/Screws
<i>Product Code</i>	<i>Usable</i>	<i>Frequency - ISO/IEC</i>	<i>Dimensions mm.</i>	<i>Mounting</i>
	OFF Metal	18000-6C EPC Class 1 Gen2		

UHF Rugged Tag PENDANT, made of very resistant rigid plastic, available in different versions, OFF Metal use.

Typical Applications: Industrial assets in harsh environments, outdoor applications

Services Available: Pre-encoding chip - Custom layout of printing including logo, text, numbers, QR code, barcode ecc. different color for MOQ, special packaging

Available IC/Chip: Ucode-8, Monza 6/P



Versioni prodotto disponibili

F1 U-01R_U8	UHF Tag made of ABS + PU resin, very resistant for general uses, storage temperature -40 ° / + 80 °C
F1 U-02R_U8	UHF Tag made of ASA + PU resin, very resistant to UV rays, storage temperature -40 ° / + 80 °C
F1 U-03R_U8	UHF Tag made of Nylof GF + PU resin, very resistant to shocks and chemicals, storage temperature -40 ° / + 120 °C

Available versions and technical features

Product Code:	F1 U-01R_U8	F1 U-02R_U8	F1 U-03R_U8		
Frequency	Global 840-960 MHz	Global 840-960 MHz	Global 840-960 MHz		
ISO Protocol	18000-6C Gen2	18000-6C Gen2	18000-6C Gen2		
IC/Chip	Ucode-8	Ucode-8	Ucode-8		
EPC	128 bits	128 bits	128 bits		
User Memory	0 bits	0 bits	0 bits		
Reading Distance (1)	Up to 6,0 mt	Up to 6,0 mt	Up to 6,0 mt		
Opzionale Chip:	Ucode-8, Monza 6/P				
Product certifications	RoHS compliant				
Housing Material	ABS + PU resin	ASA + PU Resin	Nylon GF + PU Resin		
Weight grams	18,0	20,0	22,0		
Standard Colors	RAL 7016 Medium Grey	RAL 5002 Medium Blue	RAL 7035 Light Grey		
IP Class Protection	IP68	IP68	IP68		
Operating Temp. C°(2)	-40/+85 °C	-40/+85 °C	-40/+85 °C		
Storage Temp. C° (3)	-40/+80 C°	-40/+80 C°	-40/+110 C°		
Chemical resistance	A	B	C		

(1) With reader 2W ERP - (2) Continuous use - (3) For a short time

Category	Chemical resistance of housing
A	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.
B	RESISTANT: Water, salt, UV rays (even prolonged), acids (conc. <10%: hydrochloric, sulfuric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), mineral oils.
C	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.
D	RESISTANT: Water, salt, UV rays (not prolonged), acids (conc. <10%: citric, tartaric), basic (conc. <10%: ammonia, caustic soda, hydr. Potassium), hydrocarbons, mineral oils.

To check the chemical resistance of the polymers in your process, we recommend that you always carry out a preliminary test with several samples. Download from our website the document "CHEMICAL RESISTANCE OF POLYMERS" or contact our offices for more information.