IR2 DT	UHF+NFC	865-868 MHz + 13,56 MHz	122x28x12	Cable-Ties/Screws
Dual-Frequency	ON/OFF Metal	18000-6C EPC Class 1 Gen2 + 14443A		
Product Code	*Usable*	*Frequency and ISO/IEC*	*Dimensions mm.*	*Mounting*

On-Metal Dual-Frequency RFID Tag, IR2 Series, can be fixed with cable ties on PIPES and CABLES. Double-frequency UHF + NFC RFID transponder, made of very resistant rigid plastic, available in different versions, ON / OFF Metal use. Inside there are 2 distinct UHF + NFC tags that can have the same electronic coding

Visible label customizable with barcode / QR / Logos - special packaging available also in single kit with adhesive labels with barcode corresponding to the tag.

Typical Applications: Metal drums, industrial pipes, metal wire containers

Services Available: UHF and NFC chip encoding with the same encoding, label printing with logi, QR, Barcode. Special packaging

Available IC/Chip: Ucode-8, Monza 6/P - Ntag 213 / 216

Special packaging with Inox steel ties

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Made in Italy WINTAG Manufacturing of RFId-NFC Technology

Product Code **IR2 DT**

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Versioni prodotto disponibili

IR2 DT-01R UHF + NFC Double Frequency RFID tag, version made of ABS + PU resin, resistant -40 ° / + 80 ° C very resistant for industrial and outdoor use.

IR2 DT-02R UHF + NFC Double Frequency RFID tag, version made of ASA + PU resin, resistant -40 ° / + 80 ° C very resistant to continuous exposure UV rays

IR2 DT-03R UHF + NFC Double Frequency RFID tag, version made of Nylon GF + PU resin, resistant -40 ° / + 80 ° C very resistant for industrial and outdoor use.

Available versions and technical features

Product Code:	IR2 DT-01R	IR2 DT-02R	IR2 DT-03R		
Frequency	865-868 MHz + 13,56 MHz	865-868 MHz + 13,56 MHz	865-868 MHz + 13,56 MHz		
Protocoll ISO UHF	*18000-6C Gen2 14443A*	*18000-6C Gen2 14443A*	*18000-6C Gen2 14443A*		
IC/Chip	Ucode 8 + Ntag 213	Ucode 8 + Ntag 213	Ucode 8 + Ntag 213		
EPC UHF	128 bits	128 bits	128 bits		
User Memory UHF	0 bits	0 bits	0 bits		
UID NFC	7 Byte	7 Byte	7 Byte		
User Memory NFC	144 Byte	144 Byte	144 Byte		
Distanza di lettura (1)	Up to 3,0 mt ON Metal	Up to 3,0 mt ON Metal	Up to 3,0 mt ON Metal		
Opzional Chip:	Ucode-8, Monza 6/P - Ntag 213 / 216				
Product certifications	RoHS compliant				
Housing Material	ABS + PU resin	ASA + PU Resin	Nylon GF + PU Resin		
Weight grams	25,0	25,0	25,0		
Standard Colors	Black	RAL 5002 Medium Blue	RAL 7035 Light Grey		
IP Class Protection	IP68	IP68	IP68		
Operating Temp. C°(2)	-40/+80 C°	-40/+80 C°	-40/+80 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.*
T	

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.