

1 Industrial RFID Tag, Tag-U8-4601



The U8-4601 RFID tag is a durable solution for the construction industry, ideal for managing materials on metal surfaces and in concrete. Made from PPS, it operates at frequencies of 865-868 MHz (Europe) and 902-928 MHz (USA), offering a reading range of up to 6.6 meters on metal and 1.9 meters in concrete (at a depth of 5 cm).

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Model	Tag-U8-4601	Data storage	up to 50 years
Color	white	Dimensions	46,5x31,5x7,5 mm
Material	PC	Holes	3,6 mm x 2
Suitable surface	metal surfaces	Weight	24 g
Frequency of operation	EU 865-868 MHz, US 902-928 MHz	Operating temperature	-25°C to +100°C
Reading distance	up to 1.9 meters (embedded in concrete at a depth of 5 cm), up to 6.6 meters (stationary reader)	Storage temperature	-40°C to +150°C
IC type	Alien Higgs-3 (dostępny w Monza M4QT, Monza R6, UCODE 7XM+ itp.)	IP degree of protection	IP68
Memory	EPC 96 bits (up to 480 bits), USER 512 bits, TID64 bits	Certificates	Approved coverage, RoHS approved, CE approved
Recording cycles	100,000 times		

