



RFID Tags Made for Filming Industry



PHYSICAL

Dimension	78mm x 22mm
Shell Material	ABS
Inlay Substrate	PET
Use Case	On metal assets
Installment	Buckle, Lock Tie with String
Weight	11 Gram
Color	Can be customized
Data Printing Method	Laser

Model: DB7828

The DB7828 UHF RFID Tag, designed for metal cables and assets with holes for string attachment, features a secure wire string buckle lock. Made with a durable ABS shell and PET inlay substrate, it offers a read range of 25 to 32 feet and operates in temperatures from -4°F to 176°F. With an IP67 rating for dust and water resistance, the TT7828 ensures reliable tracking and asset management in outdoor environments.

ENVIRONMENTAL

Classification	IP67
Operating Temperature	-20°C to 80°C (-4°F to 176°F)
Working Mode	Passive

ELECTRICAL/RF

Typical Read Range	8-10 Meters (25 - 32 Feet)
Frequency	902 - 928 MHz
IC Platform	Impinj M730
Memory	EPC 128 bits, TID 96 bits
Chip Service Life	100,000 Times
Data Retention	10 Years
Air Interface Protocol	EPC Global Class1 Gen2 ISO 18000-1C



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