

Cable ties with integrated RFID transponder

T50RFID – Low frequency (LF) and high frequency (HF), blank

RFID cable ties provide an innovative solution for clear and rapid product identification. The nylon cable ties are equipped with an RFID transponder and therefore combine the numerous advantages of a regular cable tie with RFID technology. The ties are especially suited for securing, serialisation, tracking and identification of products in the areas of resource management, electrical inspection, inventory, distribution and rental services as well as for easy management of maintenance and repair routines.

Features and benefits

- Flexible, contactless data communication
- Clear identification of objects through unique numbering
- Faster data management compared to paper solution
- More accurate documentation processes – prevention of human errors
- Robust and resistant to harsh environments and cleaning processes
- Low frequency (LF – 125 kHz) - Read only
- High frequency (HF – 13.56 MHz) - Rewritable



T50RFID – clear identification even under harsh conditions.

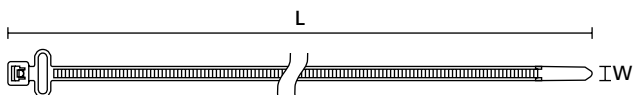


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MATERIAL	Polyamide 6.6 (PA66)	
Frequency	125 kHz (LF)	13.56 MHz (HF)
Storage Temperature	-40 °C to +85 °C	
Operating Temperature	-40 °C to +85 °C	-25 °C to +85 °C
Flammability	UL 94 V2	

HF ✓

RoHS ✓



T50RFID, MCTRFID

= Minimum Loop Tensile Strength for Cable Ties (newton)

TYPE	Frequency	Bundle Ø min.	Bundle Ø max.	Width (W)	Length (L)		Colour	Pack Cont.	Material	Tools	Article-No.
T50RFIDCHA	13.56 MHz (HF)	1.5	50.0	4.6	200.0	225	Fluorescent Green (FLGN)	100 pcs.	PA66	5;25	111-01796
T50RFIDCLA	125 kHz (LF)	1.5	50.0	4.6	200.0	225	Yellow (YE)	100 pcs.	PA66	5;25	111-01638
T50RFIDCHA	13.56 MHz (HF)	1.5	50.0	4.6	200.0	225	Yellow (YE)	100 pcs.	PA66	5;25	111-01639
	13.56 MHz (HF)	1.5	50.0	4.6	200.0	225	Black (BK)	100 pcs.	PA66	5;25	111-01591
	13.56 MHz (HF)	1.5	50.0	4.6	200.0	225	Light Blue (LTBU)	100 pcs.	PA66	5;25	111-01673

Recommended Tools: 5=EVO7i, 25=EVOcut. For more information on toolings please refer to the Application Tooling chapter on page 346.

All dimensions in mm. Subject to technical changes. Minimum Order Quantity (MOQ) may differ from package content. Other packaging options may also be available.