



Inlay Layout and Dimensions

	IN200	IN201
Antenna width	42 mm ± 0.2 mm (1.65 ± 0.01 in)	42 mm ± 0.2 mm (1.65 ± 0.01 in)
Antenna length	65 mm ± 0.2 mm (2.56 ± 0.01 in)	65 mm ± 0.2 mm (2.56 ± 0.01 in)
Lengthwise pitch	70 mm ± 0.2 mm (2.76 ± 0.01 in)	70 mm ± 0.2 mm (2.76 ± 0.01 in)
Web width	48 mm ± 0.2 mm (1.89 ± 0.01 in)	48 mm ± 0.2 mm (1.89 ± 0.01 in)

IN200 and IN201 have the same physical features. The difference is the position of the IC when it comes to unwinding direction. For further information, please contact us

Inlay Composition

Composition	Material	Thickness* [µm]
Top	Aluminium	30
Support	Polyester PET	38
Bottom	Aluminium	10 ÷ 20

* Overall thickness depends on the IC. For IC thickness please refer to the "Available ICs" table

Available ICs

	ST SRI512	ST SRT512	ST SRIX4K		
Product code	IN200-SI51 IN201-SI51	IN200-ST51 IN201-ST51	IN200-SX4K IN201-SX4K		
Operating frequency	13.56 MHz				
Standard compliance	ISO 14443 B				
Thickness	180µm ± 15µm				
Operating temperature	-20°C to +85°C	-20°C to +85°C	-20°C to +85°C		
Storage temperature	na	na	na		
Unique serial number	8 bytes	8 bytes	8 bytes		
Memory size	512 bits	512 bits	4096 bits		
Memory organization	16 blocks of 32 bits	16 blocks of 32 bits	128 blocks of 32 bits		
Write endurance	40 years	40 years	40 years		
Data retention	1 000 000 cycles	1 000 000 cycles	1 000 000 cycles		

Other ICs are available for this antenna: please contact us for further information

General supply conditions

Reel dimensions	Internal diameter	76 mm
	External diameter	300 mm
Reel quantity	Inlay per reel	8000 ± 10% (custom sizes available upon request)