

> Features

- Compact design for ruggedized environmental applications
- Read range*: up to 18 m (* depending on tag properties, environment and requirements)
- Ideal solution for toll collect applications
- Suitable for bulk and single tag applications
- High IP65 degree of protection, suitable for outdoor use



> General Specifications

Order No.		52010251	52010252
Type		WIRA-40-linear-ETSI	WIRA-40-linear-FCC
Frequency range	[MHz]	865-868	902-928
©KRAI		-	
Polarization		linear	
Antenna gain	[dBi]	typ. 12.5	typ. 13
VSWR		typ. 1.3:1	typ. 1.3:1
Front-to-back ratio	[dB]	> 25	
Impedance antennaport	[Ohm]	50	
Max. radiated power	[dBm]	+33 e.r.p. (ETSI EN 302 208)	+36 EIRP (FCC15.247)
Far field half-power beam width (if mounted like picture)	[°]	40 / 40	
Connection		N female	
Weight	[kg]	2.7	
Degree of protection		IP65	
Operating temperature range	[°C]	-40 to +70	
Storage temperature range	[°C]	-40 to +85	
Dimensions (L x W x H)	[mm]	480 x 480 x 25 (45.5)	
Packing size (L x W x H)	[mm]	approx. 520 x 510 x 70	
Material			
Antenna cover		thermoplastic radome, UV resistant	
Chassis		aluminium	

> Remarks

Mounting options

- Four M5 drill holes at intervals of 100 x 100 mm

Accessories optional

- All accessories can be found at: <https://http://www.kathrein-solutions.com/products/hardware/accessories>

➤ Dimensions [mm]

