

> 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]

