

UHF RFID Antenna Circular Polarisation Half-power Beam Width

902-928

C

68°

KATHREIN
Antennen · Electronic

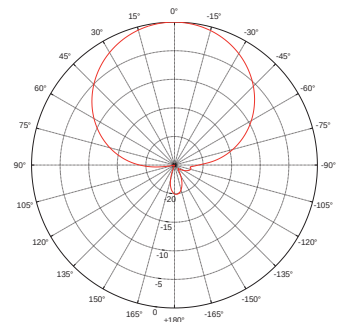
For indoor and outdoor use

Optimised for RFID far field applications

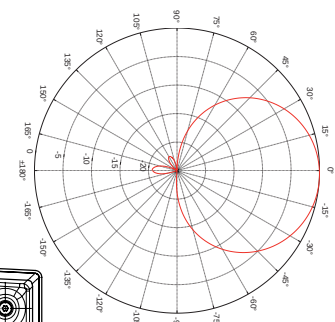
Type No.	520 10073
Frequency range	902-928 MHz
Polarization	circular
Gain	8.2 dBic
Half-power beam width (3 dB) (if mounted like picture)	68° vertical 70° horizontal
Axial ratio	< 2 dB
VSWR	< 1,2:1
Impedance	50 Ω
Front-to-back ratio	> 22 dB
Maximum input power (FCC 15.247)	1 W conducted
Connection	TNC (female)
Protection class	IP 54/ESD at EN 50083-2
Weight	1100 g
Dimensions (W x H x D)	243 x 290 x 85 (60 without bracket) mm
Packing size	290 x 300 x 65 mm



Horizontal radiation pattern



Vertical radiation pattern



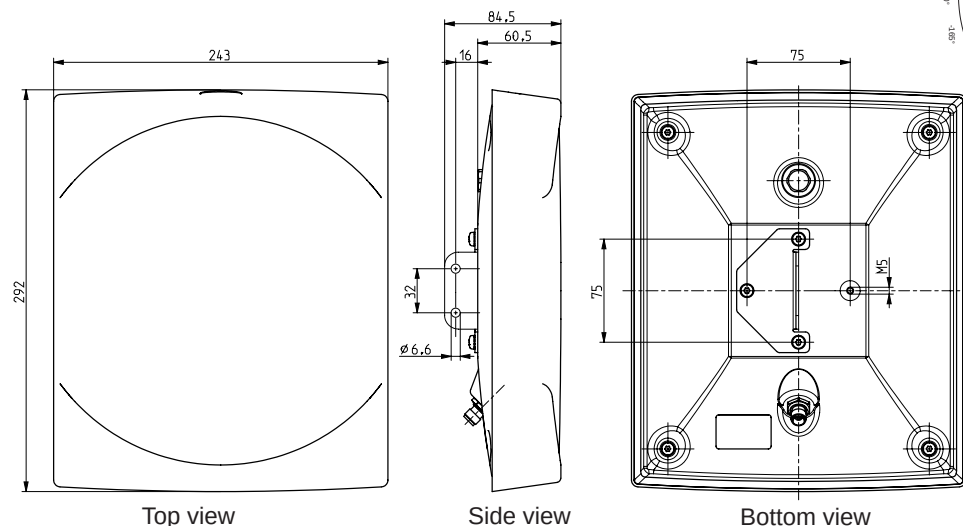
Material:

Reflector screen: Aluminium
Radome: High impact polystyrene
Colour: White
Mounting brackets: Steel zinc coated

Mounting:

Four M5 tapped holes on back cover or two 6.6 mm diameter holes in the mounting bracket.
Max. coupling torque for: - the TNC connector: 0.6 Nm

Mechanical view:



936.3573/B Subject to change