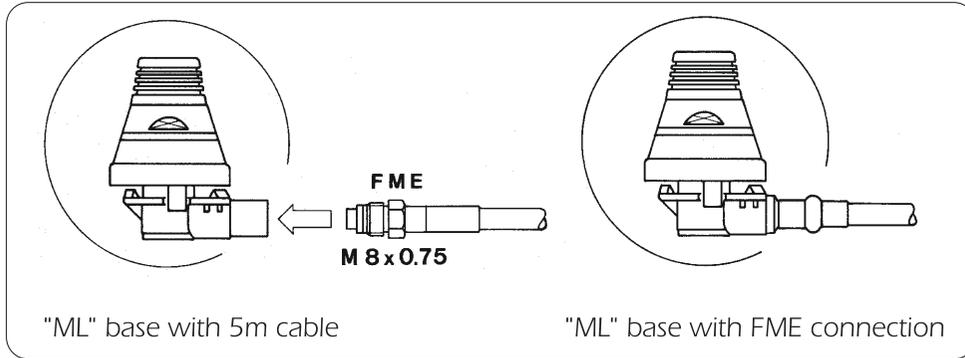
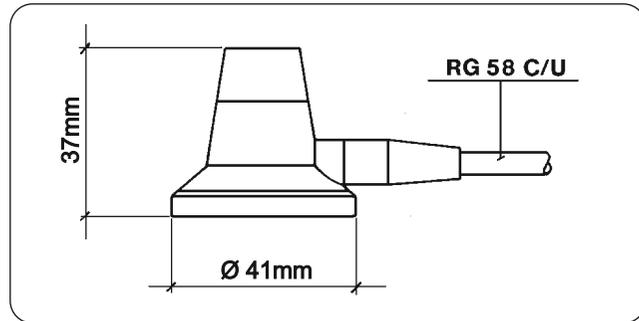


### "ML" ALTERNATIVE CABLE CONNECTION



### "MAG MOUNT" DIMENSIONS



## SKB 1090 1/4

UHF Mobile Antennas 1090 MHz (ADS-B)



ML-mount

MAG-mount

## SPECIFICATIONS

### Electrical Data

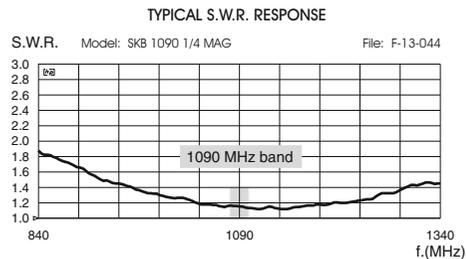
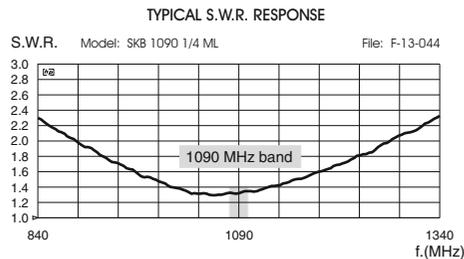
Type	: $1/4 \lambda$
Working Frequency	: 1090 MHz (ADS-B system)
Impedance	: 50 $\Omega$
Radiation	: Omnidirectional
Polarization	: Linear Vertical
Gain	: 0 dB ref. to a $\lambda/4$ whip
Bandwidth @ SWR $\leq 2.0$	: $\geq 260$ MHz
SWR @ res. freq.	: $\leq 1.4 : 1$
Max Power	: 30 Watts (CW)
Feed System / Position	: Direct / Base
Standard Mount	: "ML" mount / "CELL MAG", magnetic mount

### Mechanical Data ML-mount

Materials	: Chromed Brass, Stainless Steel, Rubber
Height (approx.)	: 82 mm (3.23 in)
Weight (approx.)	: 240 gr (0.53 lb)
Cable Type / Length	: RG 58 C/U Mil C17 / 5m; 16.4 ft (other length on request)
Cable connector	: SMA-male (other type on request)
Mounting Hole	: $\varnothing 14$ mm (0.55 in) or $\varnothing 18$ mm (0.7 in)

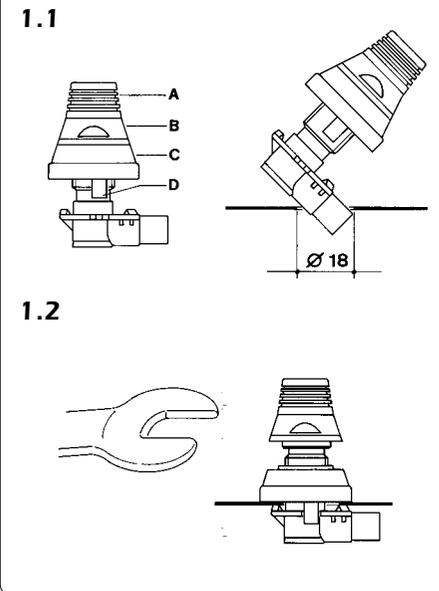
### Mechanical Data CELL MAG mount

Materials	: Stainless steel 17/7 PH, Chromed Brass, Nylon
Height (approx.)	: 87 mm (3.43 in)
Weight (approx.)	: 220 gr (0.5 lb)
Cable Type / Length	: RG 58 C/U Mil C17 / 3m; 9.8 ft (other length on request)
Cable connector	: FME-female (other type on request)
Mounting	: Magnetic installation



## "ML" MOUNTING INSTRUCTIONS

### Mounting from the outside

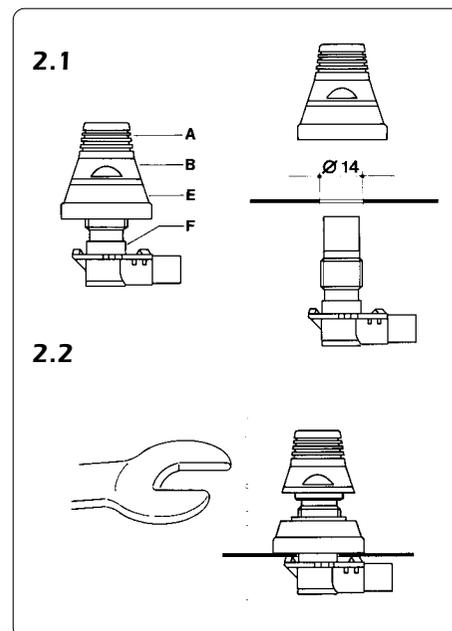


**1.1** Drill a 18 mm hole, deburr it and protect it against corrosion. Unscrew part **B** push it upwards together with part **C** and hold it tightly.

**1.2** Insert the base into the mounting hole and decentralize it. Insert the plastic fish-plates **D** of part **C** into the hole. Screw on part **B** with a 20 mm open-end wrench.

**The ring nut B is tightened correctly, if the upper edge of part A is at the same height as the inner thread-bolt**

### Mounting from the inside



**2.1** Drill a 14 mm hole, deburr it and protect against corrosion. Loose part **B** and use the item **E**.

Insert from below part **F** into the hole up to the stop.

**2.2** Push part **A, B** and **E** from above and screw them on with a 20 mm open-end wrench.

**Part B is tightened correctly, if the upper edge of part A is at the same height as the inner thread-bolt.**