

**Specification****Code-Nr.: C74****Photos****Electrical properties****Antenna Type**

Heavy duty omni-directional USA, GSM, UMTS patch Antenna with integrated active GPS antenna for roof mounting on Trucks, Trailers etc.

- Low profile design
- Car-wash proof
- No Groundplane needed

**GPS Antenna (Antenna Type)**

Frequency  
Impedance  
Polarisation  
Gain (LNA)  
Noise FIG.  
Power Supply

Active ceramic patch antenna  
1575.42 MHz  
Nom. 50 Ohm  
RHC (Right Hand Circular)  
Approx. 26 dB  
Typ. 1.35 dB  
+2.5 – 6 VDC (10 mA)

**GSM Antenna**

Frequency  
Impedance  
Polarisation  
Gain  
VSWR

890 ÷ 960 and 1710 ÷ 1880 MHz, DECT, UMTS  
Nom. 50 Ohm  
Linear  
0/0 dB  
< 2.0 at freq.res.

**Max. Power (GSM part only)**

Low band : 25 Watt  
High band: 10 Watt

**Mechanical properties**

Colour  
Dimensions  
Build-in Depth  
Weight  
Mounting

Black  
92 x 20mm  
Approx. 17mm  
Approx. 125g  
Preferable on horizontal surface (+-15° allowed)  
(Mounting-hole 14 x 20mm)

Material  
Mount Type  
Cable / Connector

ABS, brass and PCB  
Bolt-on type with double self-adhesive tape for effective sealing  
GSM :

- 2.5m RG 174/U cable and FME female connector

**GPS :**

- 2.5m RG 174/U cable and SMA male connector  
(Other cable lengths and connectors available)

C74 Rev. 01