

# GPS/GNSS Combination Magnetic Mount Base

GPSKM-5SCB

PANORAMA  ANTENNAS



## Combination Magnetic Mount Base

- Magnetic combibase with GPS/GNSS Antenna and whip mount
- 30dB Gain LNA
- Twinned Coaxial Cable with pre-fitted connectors
- Use with Flexible VHF/UHF or 7/800MHz Whips

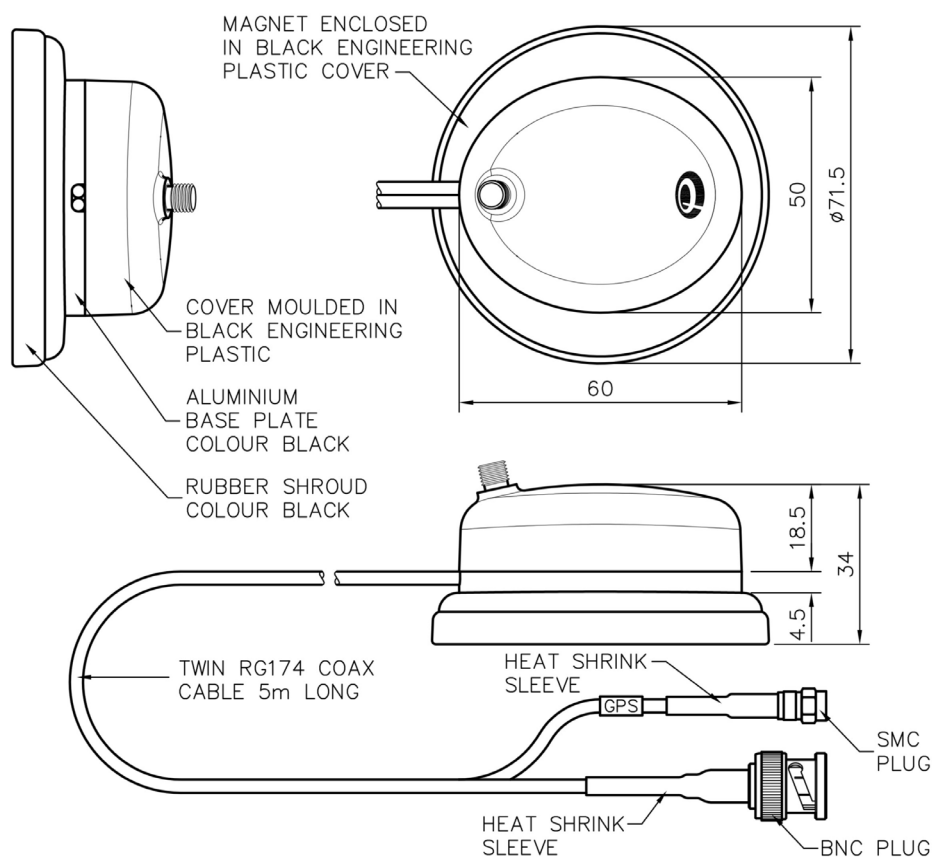
The GPSKM-5SCB is a dual function, rugged magnetic mount antenna base with an integral active L1 band GPS/GNSS antenna with 30dB gain LNA. and is suitable for use with GPS, GLONASS, BeiDou and Gallileo systems.

An M6 thread stud is provided to enable a 'comms' whip to be fitted. Panorama offers a range of flexible VHF/UHF and 700/800MHz whips that can be fitted to this base, with a recommended maximum length of 500mm (19.7") dependent on the whip type.

The GPSKM-5SCB is supplied with 5m (16') of 'twinned' RG174 cable fitted with SMC plug (GPS) and FME jack (whip) connectors to suit Sepura mobile terminals.

### Technical Drawing

GPSKM-5SCB Shown



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## GPSKM-5SCB

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### Product Data

Part No.

GPSKM-5SCB

#### Electrical Data

Frequency Range: dependent on whip ( 140 to 2170MHz)

Max Input Power (W) 60

#### Mechanical Data

Frequency Range (MHz) 1559-1612

Typical VSWR <2.0:1 ± 4MHz

Gain: LNA 30dB

Polarisation Right Hand Circular

Operating voltage 3 - 5V DC (fed via coax)

Operating Current <20mA

Regulatory approvals E-mark & CE mark

#### Dimensions

Base Height 34mm (1.34")

Diameter 71.5mm (2.8")

Operating Temp -30° / +80°C (-22° / 176°F)

Material A.B.S, plated brass and rubber boot

Colour Black

#### Mounting Data

Mounting type Magnetic

Maximum Whip Length 50cm (19.7")

Recommended Max Speed \* 220 km/h (135 Mph)

#### Cable Data

Cable Type Twin RG174

Cable Length 5m (16')

Cable Diameter 2.8mm (0.1")

Termination SMA plug (SMC) | FME Jack (Whip)

\* Maximum speed is based on using flexible whip <50cm length