# GPS/GNSS Combination Panel Mount

**GPSK-FF** 

### Active GPS/GNSS element

Single hole fixing

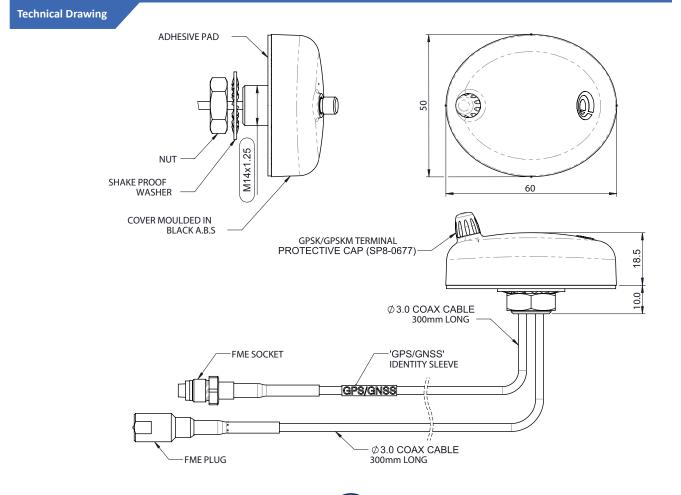
### Supports VHF or UHF whips

The GPSK antenna base provides a dual function antenna solution incorporates an active GNSS antenna module with 26dB gain LNA, which supports GPS L1, GLONASS G1, BeiDou and Galileo E1 services.

The base can be fitted with a range of VHF or UHF whips depending on the installation requirement and can be mounted on panels up to 6mm thick in a single 15mm hole. An extender kit is available as an option for use when fitting to a thick mounting panel.

The dual function of the GPSK makes it a popular choice for Public Safety, Transportation and Utility Vehicle applications.

The GPSK can be supplied as a complete "plug and play" kit to suit popular VHF and UHF radio terminals.



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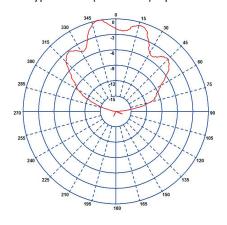
## GPS/GNSS Combination Panel Mount

# PANORAMA 💬 ANTENNAS

## **GPSK-FF**

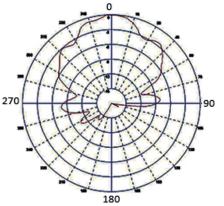
		Product Dat
Part No.		
		GPSK-FF
GPS Data		
Frequency Range (MHz)		1575-1612
VSWR		<2.0:1
Gain: LNA		26dB
Polarisation		Right Hand Circular
Operating Voltage		3 - 5V DC (fed via coax)
Current		<20mA
Mechanical Dat	ta	
Dimensions (mm)	Base Height	18.5 ( .7" )
	Base Length	60 ( 2″ )
	Base Width	50 ( 1.9" )
Operating Temp (	°C)	-40° / +80°C (-40° / 176°F)
Material		High Impact U.V. Stable A.B.S
Colour		Black
Ingress Protection		IP65
Mounting Data		
Fixing		Panel mount
Hole Size (mm)		15 ( 5/8" )
Cable Data		
GPS/GNSS Cable	Туре	RG174
	Diameter (mm)	2.8 ( .1" )
	Length (m)	0.3 ( 12" )
	Termination	FME Socket
Comms Cable	Туре	RG174
	Diameter (mm)	2.8 ( .1" )
	Length (m)	0.3 ( 12" )
	Termination	FME Plug

Typical GPS (1575MHz) E plane





**Electrical Data** 



Typical GLONASS (1602MHz) E-plane

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