

# 5V Voltage Regulator

VR5-F

06/07/2018 v1



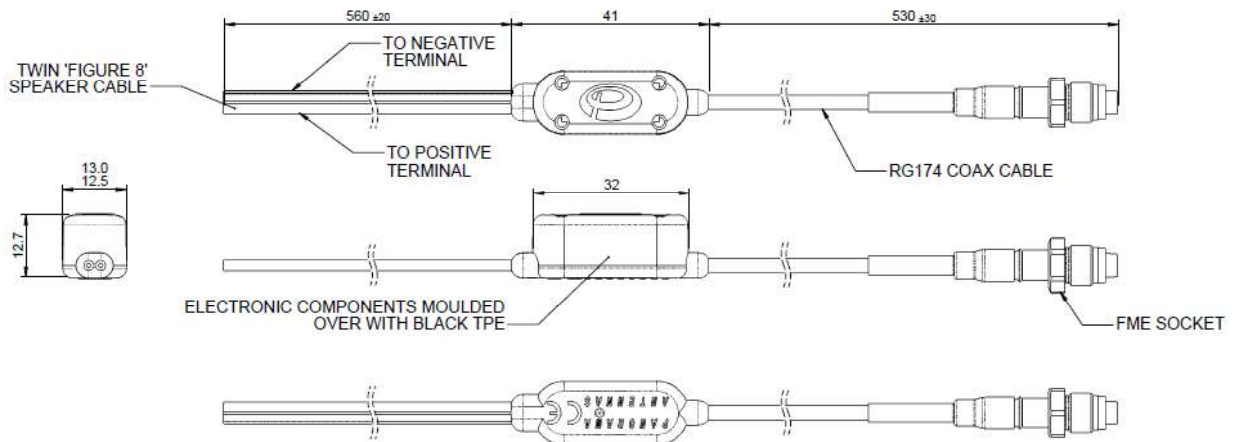
- Provides 5v output for active GPS/GNSS Antenna
- Wide 7-36V DC input range
- **NORMALLY FOR USE WITH DPX-1000-1500 (SOLD SEPARATELY)**

This product is intended for use to regulate input power from a vehicle power supply to an active GPS/GNSS antenna.

If an active GPS/GNSS Antenna is to be used where a TETRA radio has a combined GPS/GNSS TETRA output (eg. where a handheld radio is used in a vehicle handset dock with a single RF passthrough) then a splitter with a regulated input voltage of approx 5V DC will be required from the vehicle power source.

Panorama offers the VR5-F voltage regulator to interface with the DPX-1000-15000 UHF + GPS/GNSS diplexer (sold separately) for this application

## Technical Drawing



# 5V Voltage Regulator

VR5-F

## Product Data

### Part No.

VR5-F

### Mechanical Data

Dimensions (mm)	Length	41 (1.61")
	Width	13 (0.51")
	Height	12.7(0.5")
Operating Temp (°C)	-40° / +80°C (-40°F / +176°F)	
Material	TPE Plastic	
Colour	Black	

### Approvals

CE Marking	CE No. 75903224
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### Voltage Regulator

Part No.	VR5-F	
Input voltage range	7 - 36V DC	
Output voltage	5V DC	
Max output current	40mA	
Input connection	Length (m)	0.56 (22")
	Cable type	Twin figure of 8 cable
	Negative line	Grey - Black tracer
	Positive line	Grey
Output connection	Fuse	Recommended Max 1A fuse
	Length (m)	0.53 (21")
	Cable type	RG174
	Termination	FME socket



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