

GNSSoF Antennas

GNSS antenna, power over fiber, L1 + L5

O-GNSSPoF0-1-L15

Properties

- Optical power and signal distribution
- Enhanced transmission distance between antenna and receiver
- Supports L1 and L5 band



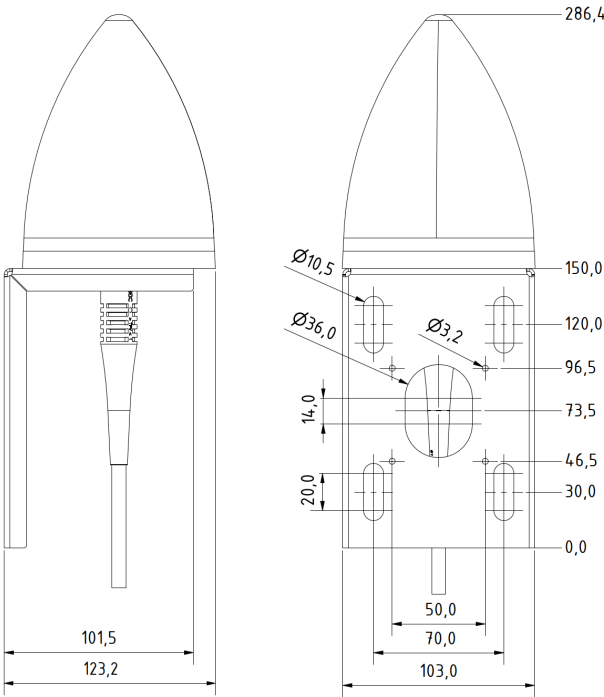
General data	
Suitable Products	P-GNSSPoF16-RxE-01 85238861
Product family	GNSS antenna
Application Area	Outdoor
Electrical data	
GNSS band	L1 L5
Equivalent active antenna gain	35 dB
Mechanical data	
Weight	0.7 kg
Dimensions	160 mm x 110 mm (Height x Diameter)
Optical data	
Time delay (link with TX)	32 ns
Laser hazard level	1
Optical power - signal typical	1 mW
Operating wavelength signal	1310 nm
Operating wavelength power	1480 nm
Environmental data	
Storage temperature	-40 °C ... 85 °C
Operation temperature	-20 °C ... 65 °C

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FO signal output	
Product family FO connector	Q-ODC-12
Gender	Socket
Fiber type	Singlemode

Service port	
Connector type	4-Pole (f)

Technical drawing



Ordering Information Table	
Item number	Item description
85227355	O-GNSSPoF0-1-L15

Additional Information
Laser safety class: Safety features are implemented to ensure safe installation and operation which is compliant to a 1M laser class specification. Modification on the system configuration is prohibited.

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