

Features:

- Built-in high-gain LNA with SAW pre-filtering
- Versatile mounting options
- Supports GPS, GLONASS, Galileo, and BeiDou
- Excellent price-performance ratio
- SMA cable connector
- Dimensions: 82 x 60 x 22.5 mm without cable (5.0 m)
- Weight: 173 g

Reference: ELT0012



FREQUENCY RANGE

GPS	L1/L2
GLONASS	L1/L2
BeiDou	B1I/B1C/B2I/B2b
Galileo	E1/E5b

ELECTRICAL DATA

Voltage range	3 – 5 V
Typ current @ 5 V	15 mA
Typ. LNA Gain	28 ± 3.0 dB
LNA Noise Figure	Max. 3.2 dB
Max. Output VSWR	2.0
Polarization	RHCP
Axial Ratio	2.0dB max. @Zenith

MECHANICAL DATA

Weight (Typ. incl. cable)	173 g
Dimensions	82 x 60 x 22.5 mm
Cable	RG174 5.0 m
Mounting	Magnetic base, screw mount 2 x M4 distance 68 mm
Housing color	black

ENVIRONMENTAL DATA

Operating temperature	-40 to +85 C
Storage temperature	-40 to +85 C
ESD circuit protection	±15 kV (IEC61000-4-2)
IP rating	IP67
Humidity	95%RH, 60 °C, 96 hours
Vibration	MIL-STD-810G, Method 514.7 Vibration