

Features:

- High Gain internal LNA (40 dB typ., noise figure ≤ 1.5 dB)
- Invariant performance from: +3.3 to 12 V DC
- Supports GPS, GLONASS, Galileo, and BeiDou
- IP67 protection level
- TNC-K – SMA 5.0 m cable included
- Dimensions: $\varnothing 66.5 \times 46$ mm
- Weight: 150 g

Reference: ELT0153



FREQUENCY RANGE

GPS	L1/L2
GLONASS	G1/G2
BeiDou	B1i/B1C/B2i/B2b
Galileo	E1/E5b

ELECTRICAL DATA

Voltage range	3.3 – 12 V
Typ current	Max. 50 mA
Typ. LNA Gain	28 \pm 2.0 dB
LNA Noise Figure	Max. 1.5 dB
Max. Output VSWR	2.0
Polarization	RHCP
Axial Ratio	≤ 4 dB

MECHANICAL DATA

Weight (Typ. incl. cable)	150 g
Dimensions	$\varnothing 66.5 \times 46$ mm
Cable	TNC-K – SMA cable 5.0 m
Mounting	Nut mount M18
Housing color	white

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