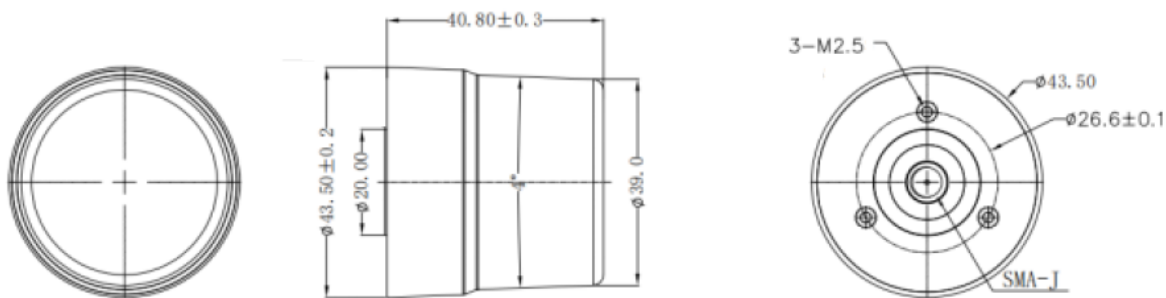


Features:

- Active Quadrifilar Helix antenna for RTK applications
- Rugged IP67 rating with SMA and screw mount
- Ground plane independent
- Supports GPS, GLONASS, Galileo, BeiDou, QZSS, IRNSS, SBAS and L-band
- GIS, RTK and other high accuracy GNSS applications
- SMA connector
- Dimensions: $\varnothing 43.5 \times 40.8$ mm
- Weight: 35 g

Reference: ELT0170



FREQUENCY RANGE

GPS	L1/L2/L5
GLONASS	G1/G2/G3
BeiDou	B1/B1C/B2a/B2I/B2b/B3I
Galileo	E1/E5a/E5b
QZSS	L1/L2/L5/L6
IRNSS	L5
SBAS	L1/L5
L-band	L-band

ENVIRONMENTAL DATA

Operating temperature	-40 to +70 °C
Storage temperature	-55 to +70 °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

ELECTRICAL DATA

Voltage range	3.3 – 5.0 V
Typ current	<55 mA
Typ. LNA Gain	33 ± 3.0 dB
LNA Noise Figure	<2 dB
Max. Output VSWR	2.0
Polarization	RHCP
Phase center error	± 2 mm
Flatness in band	± 2 dB
Differential transmission delay	<5 ns

MECHANICAL DATA

Weight	35 g
Dimensions	$\varnothing 43.5 \times 40.8$ mm
Mounting	SMA connector/Screw mount
Housing color	black