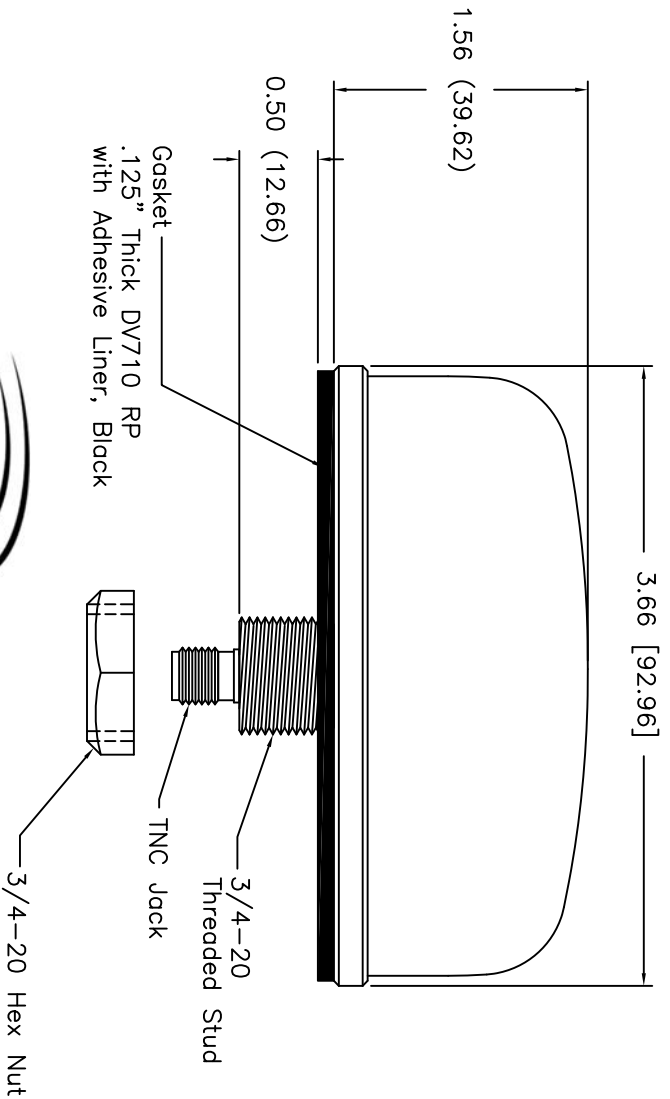




**PRELIMINARY
CONCEPT**

EDN3556-200
Navigation Timing
Heavy Duty Glonass GPS Antenna
Water and Shock Resistant
with Multiband GNSS L1, L2 and L5

Metric Dimensions in Brackets [mm]



MobileMark

antenna solutions

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 VISIT OUR WEBSITE AT WWW.MOBILEMARK.COM



Antenna Specifications

Electrical Properties:

- Polarization: _____ R.H.C.P.
- Impedance: _____ 50 Ohm nominal
- Axial Ratio: _____ 3 dB max (at center freq.)
- Gain @ Zenith: _____ +4 dBi typical
- VSWR: _____ Less than 2.0
- Voltage: _____ DC +2.7 V - +5.5 V
- Current: _____ 30 mA (max) 10 mA (typ)
- LNA Gain: _____ 37 dB +/- 3 dB
- Noise Figure: _____ 2.0 dB (max)
- GPS L1/L2/L5
- GLONASS L1/L2/L3
- Galileo E5A/E5B/E6
- BeiDou B1/B1-2/B2/B3

Environmental Properties:

- Operating Temp: _____ -40C to +80C
- Storage Temp: _____ -40C to +90C
- Weather Proof _____ IP67
- Shock and Vibration _____ EN 61373, IEE1478, MIL-810G

Mechanical Properties:

- Connector: _____ TNC Jack
- Mounting _____ 3/4 Inch Diameter Hole
- Torque Spec: _____ 5 ft pounds minimum, 10 ft pounds maximum