

AVL-900 Hardware Specifications	
Dimensions	79.0 x 48.0 x 24.0 (mm)
Bandwidth	EGSM900: TX880-915MHz, RX 925-960MHz DCS1800: TX 1710-1785MHz, RX 1805-1880MHz GSM850: TX824-849MHz, RX 869-894MHz GSM1900: TX1850-1910MHz, RX 1930-1990MHz
Maximum RF Output Power	EGSM900, GSM850: 33 dBm(2W) GSM1800, GSM1900: 30 dBm(1W)
Resistance	50Ω
Transmission Speed	Circuit switched 4.8/9.6 kbps
Sensitivity	-159 dBm
Frequency	L1, 1575.42MHZ
Channels	20
Position Accuracy	10 meters CEP without SA
Speed Accuracy	0.1 meters/second, without SA
Coordinate System	WGS-84
Hot Start	< 8 Seconds
Warm Start	< 38 Seconds
Cold Start	< 60 Seconds
Height	18000 meters (60000 feet) max.
Speed	515 meters / second (1000 knots) max.
Acceleration	4g max.
Working Voltage	5 to 24 VDC
Power Consumption in stand-by mode	0.8W
Power Consumption in working mode	1.5~2W
Housing	Metal
Operation Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Humidity	0~95%, non-condensing