

TF30-CF Card GPS Receiver Specifications

General	CF-30
GPS Receiver	12 Channel "All-in-view" tracking
Cable Connections	Optional GPS active antenna in mmcX connector, 5m available.
Performance	
Position Accuracy	25 meters CEP without SA
Velocity Accuracy	0.1 meters/second, without SA
Max Speed	515 meters/sec.(1000 Knots) max.
Acceleration	4 g., max.
Jerk	20 meters /sec. ³ max.
Max Altitude	18,000 meters (60,000 Feet) max.
Time to First Fix	45 sec (Cold Start) 38 sec (Warm Start) 8 sec (Hot start) 0.1 sec (Reacquisition)
Update Rate	1/sec
Receiver Sensitivity	-175dBW
Map Datum	WGS-84
Interfaces	
Input Voltage	+3.3V DC
Power Cons.(Avg.)	0.2 watt
Serial Comm.	4800 baud (default)
Protocol Messages	NMEA 0183 v2.2 SiRF Binary
Physical	Compact, integrated GPS receiver and antenna
Dimensions	88 x 48 x 2.4
Weight	< 45g
Operating Temp	-10°C to +70°C
Storage Temp	-40°C to +85°C