

77 GHz Low Cost Sensor

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Model SRF-77120910-01 is a low cost 77 GHz sensor specially designed for Doppler speed measurement. The sensor is constructed with a high performance circular horn antenna, a linear to circular polarizer and T/R diplexer, a balanced mixer and a high performance Gunn oscillator. The sensor features 12 degrees 3 dB beamwidth, 10 dBm output power and 9-dB conversion loss. The sensor is readily to be tailored to offer different beam width, dual channel (I-Q) output or FMCW versions.

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