

Monolithic Data Radio



“The Finger” monolithic data radio from Data Hunter contains a MAC, baseband processor, RF circuitry including discrettes, RF power amp, and tuned antenna. The Finger is driven by a FLASH based processor with non-volatile EEPROM for storage of User controllable performance parameters including programmable power output.

The Finger data radio is FCC “Type Certified” allowing the OEM to sell their device immediately. Standard mounting is via a 3/8 inch hollow stud containing an industry standard connector. “Zero Volume” is occupied internally in the OEM's host device since all data radio electronics are contained within the hollow body of The Finger.

Single channel and up to 60 channel 900 MHz ISM Fingers are available. Since the tuned antenna element of The Finger is always extended away from its Host device, The Finger does not suffer the same “shadow effect” typical with embedded radios.

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<http://www.wirelessdesignmag.com/product-releases/2001/02/monolithic-data-radio>