No more 'hellos?' and 'can you hear me ok?' With Pulse enabled 'femtocells,' you never drop a call!
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Antenna solutions

Pulse support a range of Antenna solutions for WiFi and Cellular applications providing Omnidirectional radiation pattern providing 360° coverage. The antennas provide excellent performance in small board space area and compact form factors providing efficient embedded solutions for Home Gateway.
Femtocell Base Station

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Antenna (Downlink & Uplink)

USB Choke

Pulse offers a wide range of wire wound chip choke components specifically designed to suppress noise generated within the USB interface.

The 0402 to 1206 chip inductor and USB chip choke series of Miniature RF Inductors all contain wire wound technology based on a ceramic or ferrite core. These Inductors feature high Qs and SRFs and an industry standard size and footprint. Tighter inductance tolerances are available from 1 to 10% and are available in Tin or Gold termination finishes. All parts are RoHS compliant. Sample kits are available from Pulse for all series.
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Unfiltered RJ45 Connector Modules

Pulse supports a range of complimentary surface mount (SMT) and through hole (THT) unfiltered connector modules designed to directly interface between Pulse Discrete Magnetic components and the RJ45 Ethernet Cable Interface. These RJ45 connectors are compliant to IEEE 802 Networking standards and operate over extended temperature ranges -40°C to +85°C.
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**Discrete Magnetics**

Pulse LAN discrete magnetic transformers are designed and manufactured to comply with IEEE802.3 and ANSI X3.263 standards. Pulse also offers a competitive range of RoHS compliant products (NL suffix). These modules support IEEE open circuit inductance (OCL) spec with 8mA bias and are available in extended temperature ranges -40°C to +85°C.
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Integrated Connector Modules (ICMs)
RJ45 with Integrated Magnetics

Pulse supports a range of integrated magnetic connectors (ICMs) for Ethernet based applications compliant to ANSI X3.263 and IEEE 802.3ab for 1000Base-T, IEEE 802.3u for 10/100Base-T, IEEE 802.1 for 10Base-T Networking applications. These ICMs support IEEE open circuit inductance (OCL) spec with 8mA bias and are available in extended temperature ranges -40°C to +85°C.
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Pulse supports a range of integrated magnetic connectors (ICMs) and discrete magnetics including common mode chokes for Power over Ethernet based applications compliant to IEEE 802.3af/at for 1000Base-T and 10/100Base-T Femtocell applications. These products support IEEE open circuit inductance (OCL) spec with 8mA bias, and are available in
Femtocell Base Station

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Power Magnetics

Pulse offers a range of surface mount (SMT) and through hole (THT) shielded and unshielded drum core inductors, common mode chokes, and flat coils. The components are designed to produce low radio frequency emissions, support ruggedized header construction for industrial/aerospace type applications (typically THT type), are available in tape and reel (T&R) SMT package type components, current rating to 38 Amps, dielectric strength 1000VRMS, voltage rating to 250VA and available in a variety of